

LIFE



MARINE ACE SMITH

DECEMBER 7, 1942

10 CENTS

YEARLY SUBSCRIPTION \$4.50

Trim - and Timely

How life has changed since last December 7. You — in an endless round of war activities. He — in uniform. We — working day and night to help see that that uniform and millions like it are the finest in the world. Yes, the soft deep texture and lovely drape of your best coat, the clean-cut, stay-in-pres lines of his uniform were both achieved in FORSTMANN 100% *virgin wools*. And FORSTMANN fabrics, as always, are the finest in the world.

Now with the great majority of our looms devoted to Army Service, you will be well advised to cherish these important little FORSTMANN labels wherever you find them — on new fashions, in your own wardrobe, with piece goods in finer stores. For the Forstmann wools and workmanship that ensure such subtle moulding and living lines also ensure their lasting beauty for years of hard wear. In FORSTMANN fabrics, like your soldier, you can "live in live wool" right through the war. Forstmann Woolen Company, Passaic, New Jersey.



Invest in America — Buy War Bonds and Stamps



When a COLD
comes at you ...
100 miles an
hour!



-gargle LISTERINE Quick!

It May Spare You a Deep-seated Cold or a Nasty Sore Throat

Listerine Antiseptic immediately starts to kill the threatening germs which left the other fellow's nose and throat to set up housekeeping in yours.

The more of these germs Listerine Antiseptic destroys; the less chance there is of a "mass invasion" of the tissue, followed by the discomfort of a cold and sore throat.

In tests with Listerine Antiseptic, germs on mouth and throat surfaces were reduced as much as 96.7% fifteen minutes after a Listerine gargle—up to 80% one hour after.

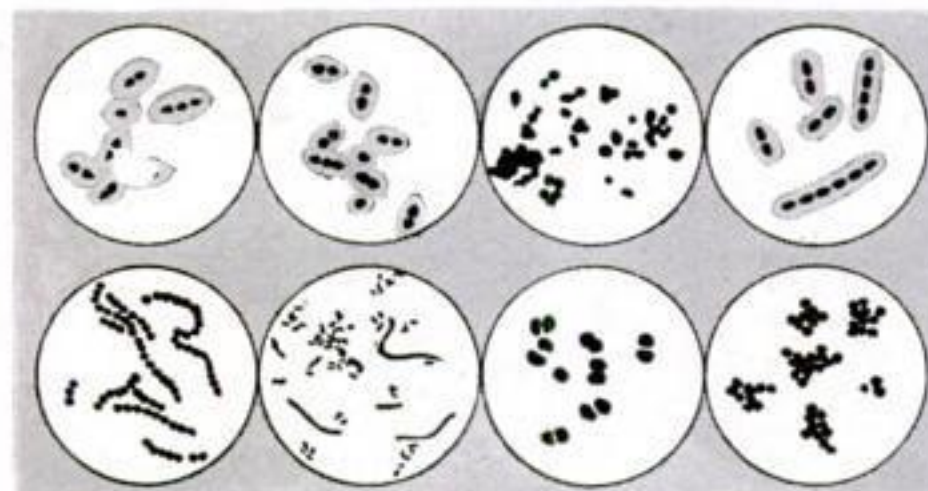
Fewer Colds, Tests Showed

We believe this explains Listerine's astonishing clinical test record in combatting colds: These tests, made over a period of 11 years; consistently showed:

Regular twice a day Listerine Antiseptic users had fewer colds and fewer sore throats than those who did not use it.

Don't you think, in view of these facts, that Listerine Antiseptic, used systematically, is a worthwhile precaution against colds as well as an emergency treatment when a cold is coming on?

If you've been in contact with those with colds—if you've been in a draft—if your feet have been wet and cold—and you feel under par with a cold coming on, never omit the Listerine Antiseptic gargle. Lambert Pharmacal Co.



TOP ROW, left to right: Pneumococcus Type III, Pneumococcus Type IV, Streptococcus Viridans, Friedlander's Bacillus. BOTTOM ROW, left to right: Streptococcus Hemolyticus, Bacillus Influenzae, Micrococcus Catarrhalis, Staphylococcus Aureus.

THE "SECONDARY INVADERS"

Above are some types of "secondary invaders", millions of which may exist on the mouth and throat surfaces. They may cause no harm until body resistance is lowered when they may invade the tissue and set up or aggravate the troublesome aspects of the infection you call a cold. You can see how important it is to attack them before they get the upper hand.

Note How Listerine Reduced Germs

Actual tests showed reductions of bacteria on mouth and throat surfaces ranging up to 96.7% fifteen minutes after the Listerine Antiseptic gargle, and up to 80% one hour after the Listerine gargle.

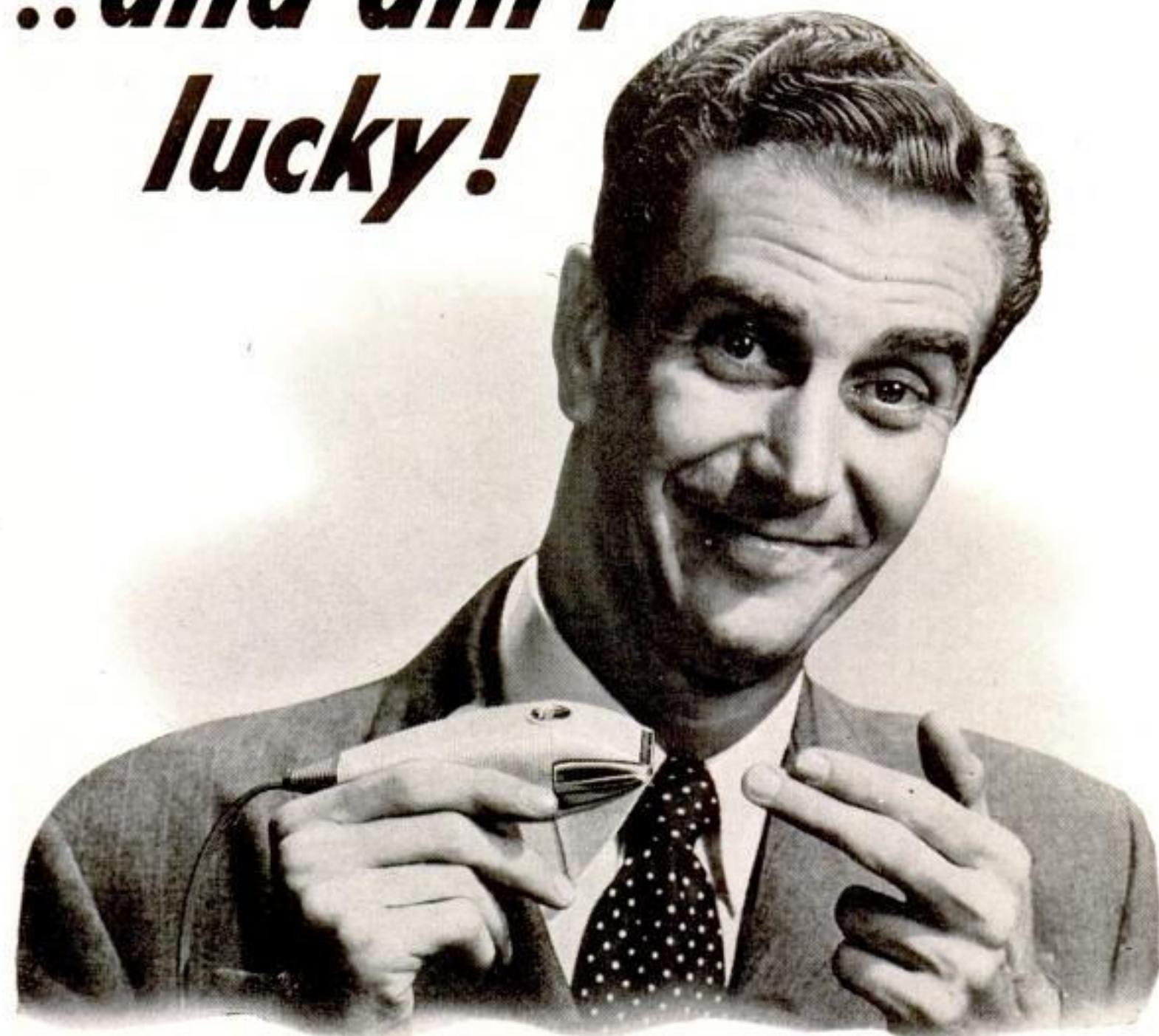
This One



QFQY-Y3F-TZ50

LOOK WHAT I FOUND

*..and am I
lucky!*



Lucky are the men (nearly 4 million of them!) who have found the Schick way to quick, clean, easy shaves.

And if you find a Schick Electric Shaver at your dealer's *these* days—you're extra lucky! For, the only Schicks now in dealers' hands are those we built before our factory went all-out on precision work for Uncle Sam.

And, to take care of our old customers as well as you new "converts," we built up a tidy backlog of 2-M Hollow-Ground Heads and renewal parts.

Be a lucky guy and get your Schick today. See how the 2-M Head arches

the skin surface to make the whiskers stand up—ready to be slicked off by the Flying Shuttle Shearer that hums to the tune of 14,000 cutting actions per minute. Most of all, *feel* how smooth and fresh a Schick shave leaves your grateful, nickless face!

The Schick Colonel, pictured above, is styled in rich ivory plastic and powered by the speedy "Whiskwik" motor that works on both AC and DC. This handsome job is yours for only \$15*—and if you'd part with it after 2 weeks' trial, your dealer will take it back and refund your money!

SCHICK INCORPORATED, Stamford, Conn., U.S.A.
*Slightly higher in Canada

...not forgetting Schick Owners!

No matter how long ago you bought your Schick, we want you to get the same slick shaves as when it was new. And you can, because renewal parts and expert service will be kept available. And if you want to bring your Schick Shaver right up to date with a new 2-M Hollow-Ground Head—you can do so for only \$3 at the nearest office of Schick Service, Inc., listed here. *Free of charge, your shaver will also be cleaned, lubricated and adjusted by factory experts.*

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ATLANTA
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DALLAS
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DENVER
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1202 American Ind't'l Bldg.
HOUSTON
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OMAHA
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SCHICK INCORPORATED **SCHICK ELECTRIC SHAVERS**

LETTERS TO THE EDITORS ELECTIONS

Sirs:

Thanks for the briefs on the new Republicans (LIFE, Nov. 16). Election analysts are seeking a common motivation for the recent upset. If there is one, may it not be the new international spirit which is slowly dawning in the consciousness of the common man?

For long the Republicans have been blamed for wrecking the League. Being practical men, for the most part, they knew a League would never endure. But now they realize that a world organization must be set up if we endure.

What politicians must realize is that they are to map the plan of organization and then let us, the people, judge those plans. Now we want *solutions*, not bickering nor wrangling.

I believe it will be the Republicans who will be the torchbearers of this new world freedom—not a freedom for the English-speaking people alone, God forbid, but freedom for all peoples. This is the spirit for which the common man is fighting and this, I believe, is the common motivation (if there is one) for the recent political upset. The people are on the march and they want action.

MARGUERITE BEHRMAN

Santa Monica, Calif.

Sirs:

The Republican Party must bear the indictment of history for losing the peace in two wars—the War Between the States, and the World War. Our nation still bears the scar of the one peace they wrote. This same party is shaping up to despoil the fruits of victory a third time and heaven help them if they do so, for our soldiers who are fighting to win this one are of a different temper than the naive youngsters of the last war.

HAROLD MEYER

Cornelius, Ore.

Sirs:

The Roosevelt-haters called it "Roosevelt's War" during the planning interval so necessary to action. Will they also call it "Roosevelt's War" when it is successfully concluded?

JOHN VALENTINE

Decatur, Ill.

Sirs:

Since everyone is trying to interpret the elections, and no one has a monopoly on guessing, let me make one too. It is this: The people were disgusted with Congress and they know but one way to express themselves, and that is by voting against its members. So, since the Republicans constituted the only opposition, they voted Republican. By so voting, they may not have had in mind a rebuke for the New Deal, the management of the war, or approval of Republican policies as such. The only way we can be sure of the will of the people is to have an election in which the issues are defined beforehand in terms of the whole nation. That will come in 1944. Until then, we shall keep on guessing.

E. E. McCLAIN

Principal

Miami High School
Miami, Ariz.

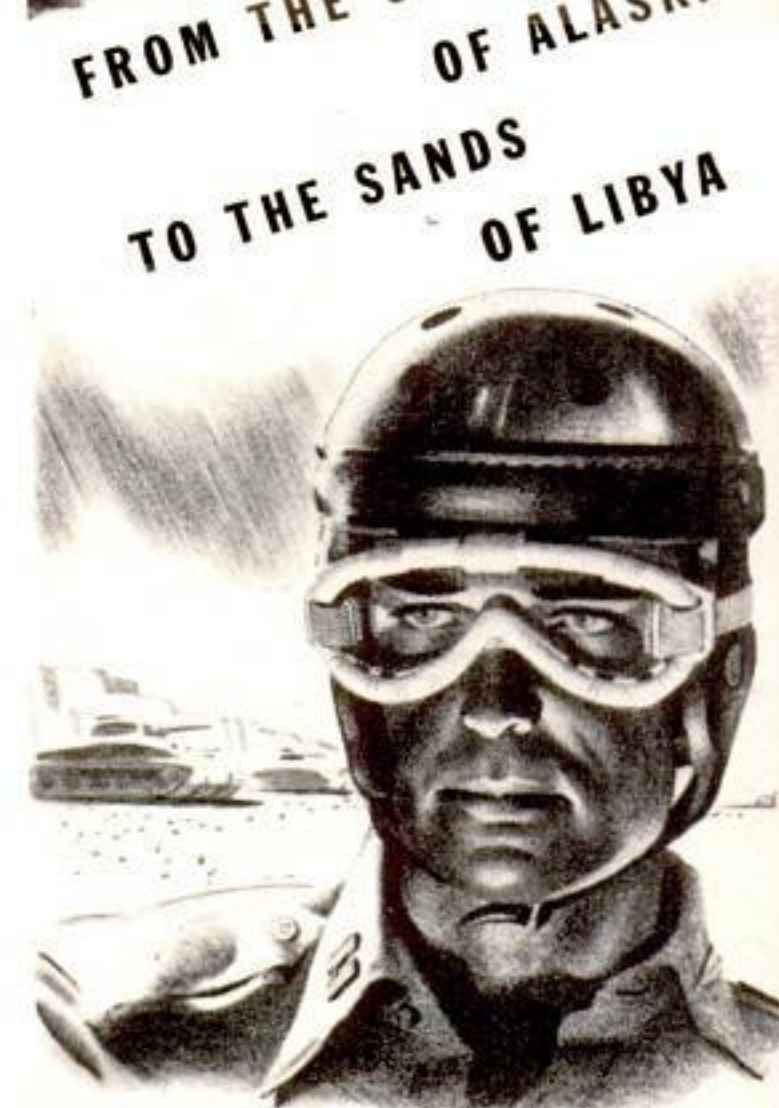
GREMLINS

Sirs:

We at Boeing Aircraft Co. were quite interested in your gremlin feature (LIFE, Nov. 16), especially since the first American one to be discovered was by Boeing pilots while testing Flying Fortresses in the stratosphere. They are known as the *stratogremlin* (see *cut, p. 4*).

Strato-gremlins are seldom found below 35,000 ft. and naturally have developed their own characteristics. In the first place, they are nearly twice the size of the ordinary gremlins, their growth probably being due to expansion in the rarefied air. The same conditions undoubtedly are also responsible for the strato-gremlins' large noses, which have

(continued on p. 4)



That's the far-flung range of Dot snap fasteners used as lens-locks for the new All Purpose Goggles. These were designed as standard eye-protectors for our fighting forces under all conditions of wind, snow, dust and glare. At the highest wind velocities these goggles stay firmly in place. Their tough, tight-holding snap fasteners anchor the plastic shatter-proof lens without a flutter.

Most Dot fasteners are originated by our own engineers. This tricky lens-holding job, however, was worked out jointly with the manufacturer, a co-operating service we provide for companies requiring new fastening devices of any kind.
UNITED-CARR FASTENER CORP., Cambridge, Mass.

DOT SNAP FASTENERS

All Purpose Goggles

A new Dot fastener and a special strap holder were designed to hold the plastic lens in place and to permit instant release for changing the lens for different kinds of service.





WAR

needs the wires this Christmas

**War can't wait—not even for Christmas. So please don't
make Long Distance calls to war-busy centers this
Christmas unless they're vital. . . BELL TELEPHONE SYSTEM**





New proof that you can't beat American resourcefulness!

Good old American "know how" has done it again! For this winter—despite the meager allotment of rubber—manufacturers are able to provide rubber footwear for the essential health protection of millions. Necessary W.P.B. rulings have restricted styles, and eliminated colors and frills.

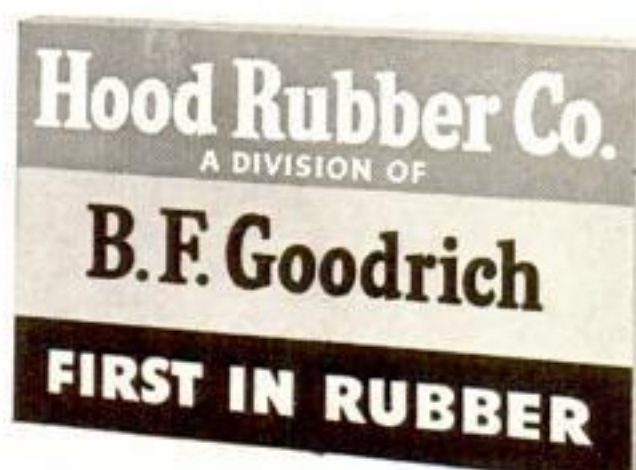
We at Hood and B. F. Goodrich have named this footwear "Duration Quality."

By drawing on our background of experience and ingenuity, we have found ways to give you more service and better looks than would seem possible under the circumstances. And we know you will wear this footwear with patriotic good will till the war is won!

★ ★ ★

NOTE TO GOOD CITIZENS: Buy only what you need—take care of what you have. *And be sure to throw your scrap into the fight!*

FOOTWEAR FACTORY, WATERTOWN, MASS.



LETTERS TO THE EDITORS

(continued)

definite characteristics of an oxygen-mask breather bag. Another distinctive attribute is their cold blue color and blue-tinged fur. Even their ears grow like muffs. The blue fur enables them to remain almost invisible and to withstand the extreme cold of the stratosphere.

Like ordinary gremlins, the strato-type is not really mean. They like to poke pilots in the stomach when they get up around 35,000 ft., and they have also been known to follow the crews clear to the ground, all the time snapping rubber bands in their ears to make them pop.

Most strato-gremlins, however, are merely curious. They poke around in the oil feed lines, sometimes drinking the oil out of the tank so that the oil pressure drops. They fool around with the radio antenna, so that messages become jumbled. They will even get hold of the prop controls and move the governors up and down, just to see what makes them run.

Strato-gremlins can do damage just by breathing. When they get to prowling around among the oil lines, their cold breath is apt to congeal the fluid. Little gremlins like to play in the oil, and they sometimes get into the oil lines with soda straws and blow bubbles,



obviously the reason oil sometimes foams at 35,000 to 40,000 ft.

These high-altitude pixies used to get up on the instrument board and sit staring interestedly ahead, because they love to ride with the pilots. The crew wouldn't mind, except for one thing. The strato-gremlins fog up the windshield with their breathing. Rather than have trouble with the creatures over this matter, Boeing simply designed a window so that the glass doesn't frost up. The engineers have had to do the same thing with oil and grease and trim tab controls, and a good many other parts of the plane.

They still have trouble sometimes with the strato-gremlins who warm their fingers on the spark plugs, so that ignition systems become a problem at extreme altitudes. This habit of warming their fingers electrically indicates that even gremlins find tough going in the stratosphere, and it is no wonder that some of them give up and retire to the Boeing Strato-Chamber or to the cold-room laboratory.

Most of the laboratory population is composed of old strato-gremlins who have gradually lost altitude. By watching their reactions, the engineers can tell just what to expect during actual flight. In this way, even a strato-gremlin eventually serves in the conquest of the stratosphere.

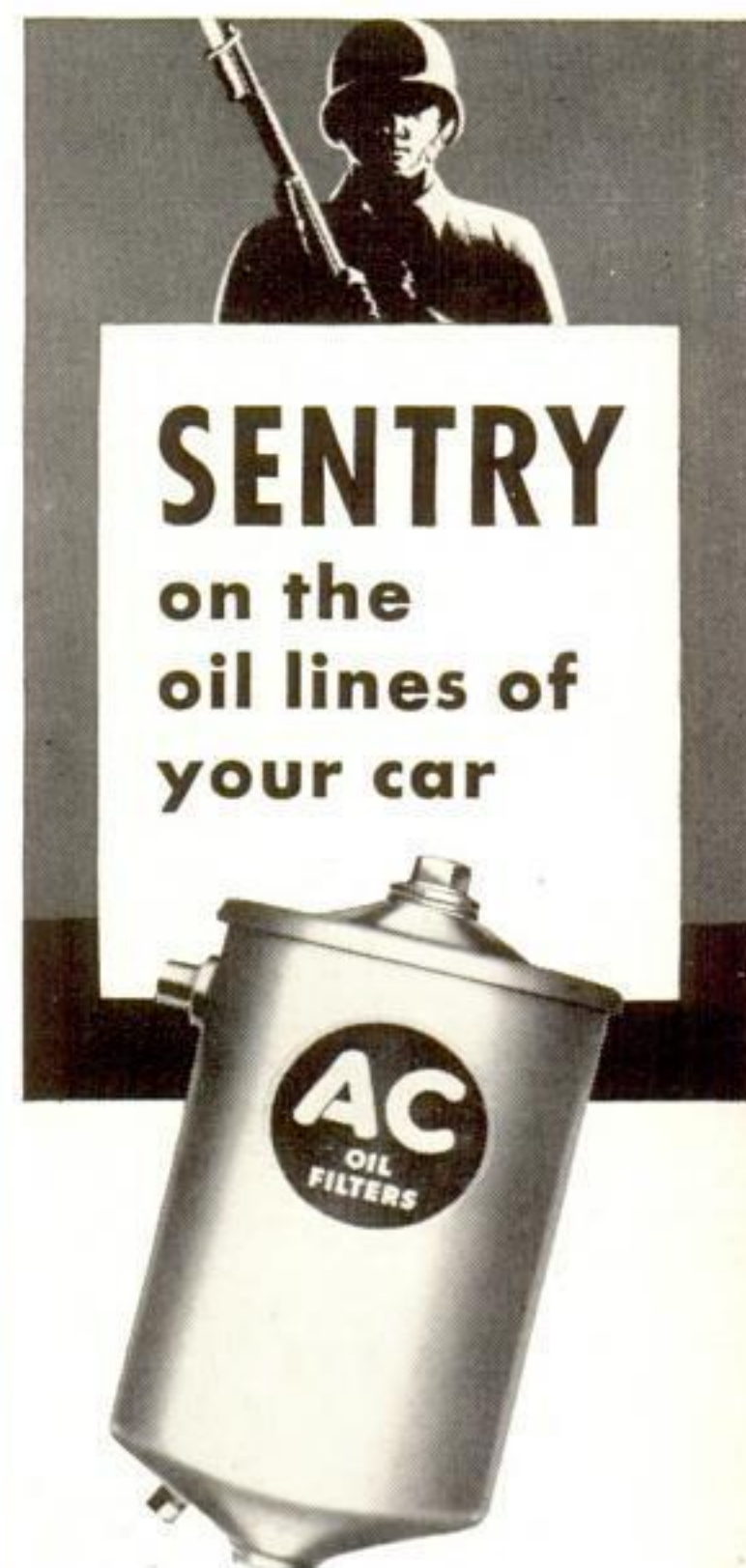
BYRON FISH

Boeing Aircraft Co.
Seattle, Wash.

Sirs:

Congratulations on your profound and scholarly article on the gremlins. It was of particular gratification to our family because it enabled us to solve one of our most baffling family problems. It wasn't until we read your story that we realized that we actually have

(continued on p. 6)



Your engine oil, and the engine itself, will last longer if you drive with an AC Oil Filter.

Clean oil is the best lubricant. AC filters keep it clean. The only attention they need from you is replacement of the filtering element when the oil turns dark.

Watch Your Oil—Always

When you have your oil checked, ask the attendant to wipe your "dip stick" on an AC Oil Test Pad. If the spot is grimy and black, it's time to replace the filter element (or have a filter installed).



Oil Care Pays

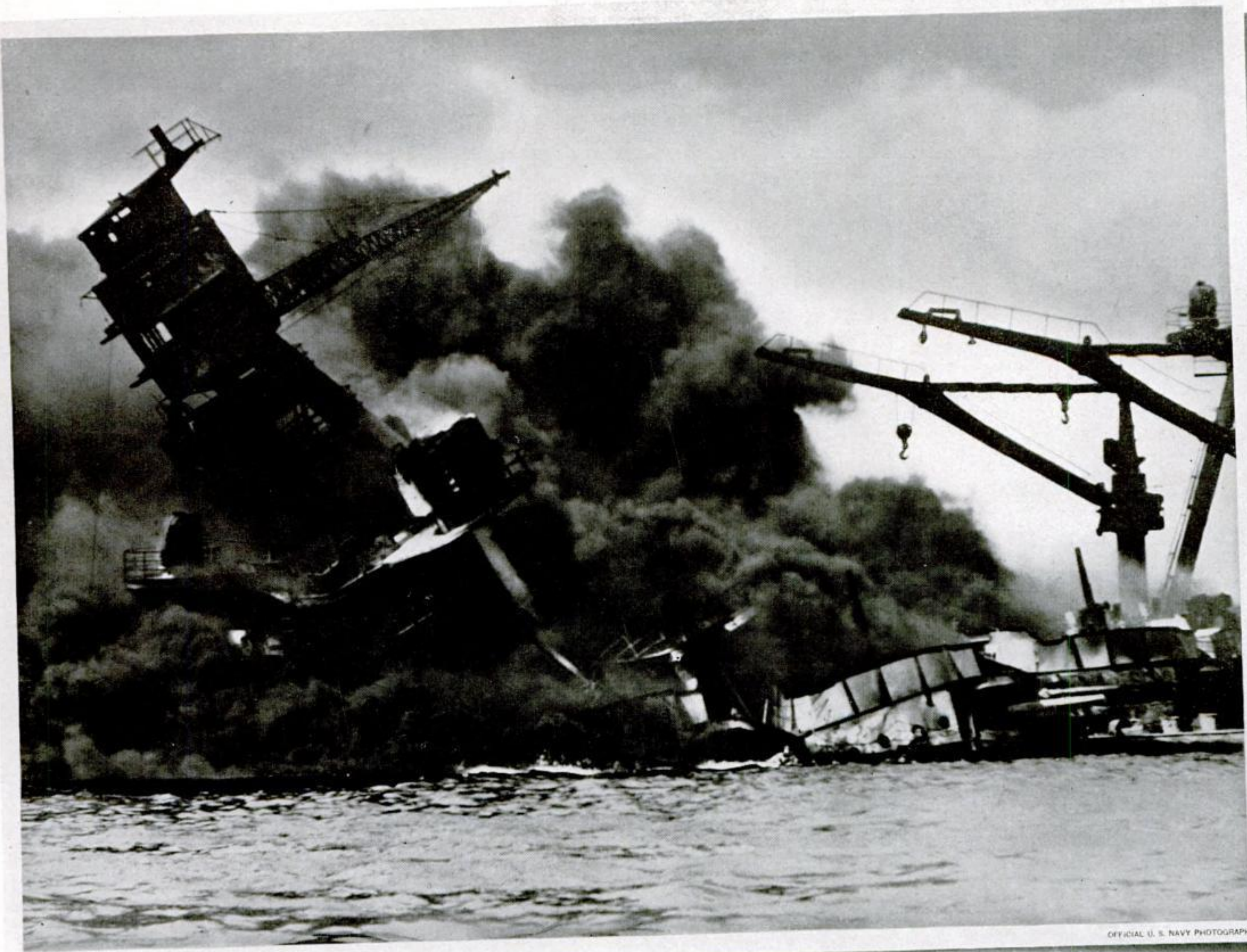
Nothing you can do will accomplish more to protect the life of your engine than installation of an oil filter and regular replacement of its element. Stop in

where you see the AC Oil Filter Station Sign for element replacement and filter installation.

NOTE: Follow the recommendation of your service man as to when oil should be changed.



AC SPARK PLUG DIVISION
General Motors Corporation



OFFICIAL U. S. NAVY PHOTOGRAPH

MORE DISASTROUS THAN PEARL HARBOR... OUR DEFEAT BY THE 7th COLUMN

Just one year ago, the Mikado's murderers swooped treacherously from the blue Hawaiian skies . . . turned the waters of the Pacific red with American blood . . . plunged a peaceful nation into war.

And words could not express our fury.

Today that fury burns with deeper fierceness. Americans everywhere are grimly re-dedicating themselves to total sacrifice for total war. In the air, on land, at sea — in factories and on farms — the mighty power that is America is rising irresistibly to crush the dictators.

Our Worst Defeat

But there is one thing that has delayed victory and hampered our all-out war effort. In this first year of war, when America desperately needed every man, every machine, and every ounce of material, we were guilty of a shameful waste. We suffered a more disastrous defeat than Pearl Harbor.

In one year of war, we lost a *half billion* man-days of work through accidents suffered by workers in their homes, on the highway and where they worked, according to an estimate made by the National Safety Council.

Do you know what that means to our war production? It means that we were deprived of more than 1,500,000 workers *for a full year*. It means we sacrificed — by our own carelessness — man power which *could* have built 10 battle-ships, 50 destroyers, 10,000 heavy bombers, 20,000 fighter planes and 50,000 light tanks.

We must stop this inexcusable waste *now*. We must declare ruthless war against carelessness wherever it is found. Carelessness is America's 7th Column. It is our most destructive enemy on the home front and it must be smashed throughout America.

Three Rules for Victory

Live *Safely*, for it is in our homes that the 7th

Column strikes hardest. Last year, home accidents killed 31,500 Americans and injured 4,650,000 more.

Drive *Safely*. Every man, woman or child injured today on the highway weakens the strength and morale of the nation. Every car wrecked is one more drain on our reserve pool of rubber, steel and transportation.

Work *Safely*. Think of yourself as a soldier in the production army, and *don't get hurt*. Guard against carelessness in yourself as well as others.

Smash the 7th COLUMN

To give you the facts about accidents and fires and to help you avoid them, Liberty Mutual Insurance Company has prepared a special wartime booklet. Write today for your free copy. Ask for the booklet, "Smash the 7th Column . . . and Help Win the War." Address: Liberty Mutual, 175 Berkeley Street, Boston.

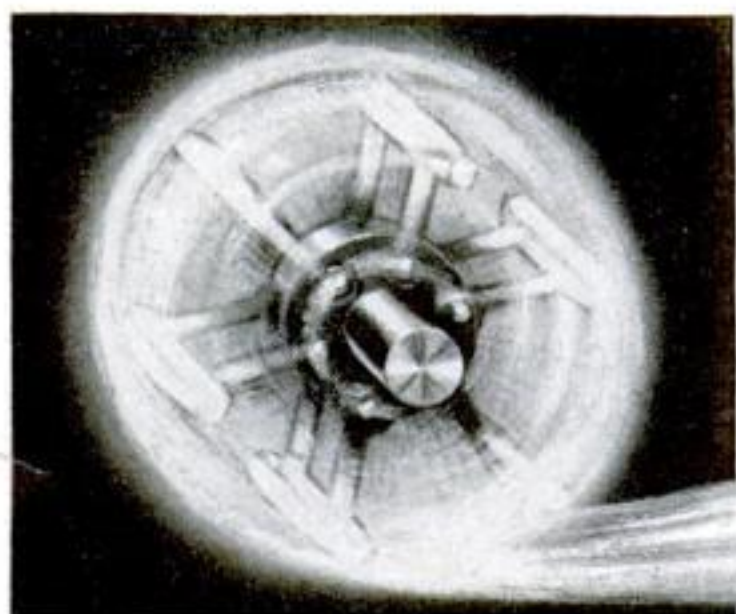
★ Live, Drive, Work Safely . . . "Smash the 7th Column" . . . Help Win the War ★



See for yourself how sparkling bright your smile can be... use KOLYNOS TOOTH POWDER

Combines
the foaming action
of powder
with the
cleansing action
of paste

Let your mirror confirm the amazing
cleansing action of Kolynos Tooth Pow-
der. It transforms into bubbly foam so
fine in texture that it gets in the crevices
... helps the toothbrush whisk away those
hidden food particles that often cause
discoloration and decay. Cleans teeth
evenly... thoroughly. Ordinary surface
stains begin to disappear quickly.



*SOFTER, GENTLER
SAFER, TOO!*

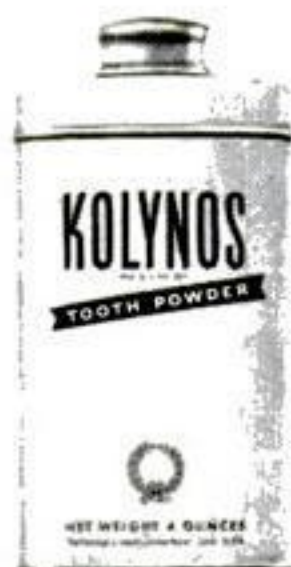
That's because the new Kolynos Tooth Powder is Micro-Pulverized. The amazing Micro-Pulverizer (shown above) grinds and regrinds tangy flavored Kolynos until it's light as thistle-down...superfine as an expensive face powder. And as your own dentist may have told you, a powder as soft and fine as this is sure to be safe...gentle-acting...*really good to your teeth!*

What's more, the new Kolynos has a tangy, bracing flavor that's completely different. It's wonderfully refreshing...makes your mouth feel really clean...lingers on after each brushing.



KOLYNOS TOOTH POWDER

IT'S GOOD TO YOUR TEETH BECAUSE IT'S SUPERFINE!



Try Kolynos Tooth Powder at our risk. You must agree that it does a better job of cleaning your teeth...refreshing your mouth...or you get **DOUBLE YOUR MONEY BACK!**

LETTERS TO THE EDITORS

(continued)

at least two, probably more, gremlins living in our own home. Last week one left the water in the furnace boiler running all night. Another touched a live wire with a jackknife and burned a hole right through the blade.

We also have a widget. It is particularly attached to our 3-year-old daughter. Today it spilled a salt shaker full of salt on the dining-room rug and yesterday it charmed us by scratching the top of our highly polished maple desk.

I suppose these creatures belong to the species *Gremlinus domesticus*?

HENRY J. ADAM

South Orange, N. J.

Sirs:

You say, "The spade-nosed gremlin digs holes in airfields, etc." How could such an authority on gremlins as LIFE make such a mistake? The picture you show is not a spade-nosed gremlin but his first cousin the kathob, pronounced kay-thob. This fact can be verified by any Texan who has ever been on the seacoast.

The kathob is an amphibious creature, half fish and half elf. The soft slapping noise in the surf is caused by the playful kathob softly patting the water with his spade nose. When your bait disappears or your fishing line tangles on the rocks, blame the playful kathobs. The kathob first learned to dig up airfields by digging up the sand beaches.

For years the kathobs have carried on their playful antics at the expense of the people. However, since the war these little friends have been applying themselves 100%. In a petition to the Ranchers and Farmers Association they have reached an agreement to dig post holes for fence posts. They even have a union and a 40-hour week.

I am sorry LIFE has so misinformed so many people about the kathob by calling him a gremlin. Actually, the gremlin is an air-minded kathob, but we will not argue the point except in the case of the so-called "spade-nosed gremlin."

GEORGE ROGERS JR.

San Antonio, Texas

Sirs:

Congratulations on your whimsically beautiful piece, *The Gremlins*, and thank you for an inspiring idea. Ever since the Ballet Theatre production of *Quintette*, a work that was arranged to music which I wrote, I have been anxious to find a suitable subject for an original ballet score.

Your delightfully fantastic revelations concerning these aerial pixies have set my mind on fire. I hope you won't mind



my using your material for an imaginative ballet which I am going to compose. It will be called *The Gremlins*.

RAYMOND SCOTT

New York, N.Y.

P.S. Here is the musical theme I've set down for *Fifnella*, "the lily of the airfield" (see cut).

● Mr. Scott has composed such works as *Dinner Music for a Pack of Hungry Cannibals*, *War Dance for Wooden Indians*, *New Year's Eve in a Haunted Castle*.—ED.

Sirs:

In your article on gremlins you forgot to mention probably the most important gremlin. He is Air Marshal Rickenbishop Slipstream. As head of the Air Corps of the Grand Army of the Gremlins, he plans all strategy for his subordinates. Slipstream, who is over 400 years old, decided the life of a water gremlin was annoying and he flew in the balloon flights of the Mongofler brothers in the 18th Century. He also flew

(continued on p. 8)



Philadelphia is a special occasion whisky you will be proud to serve. Yet you can afford to enjoy it regularly and often.



*Gifts AS DISTINCTIVE
AS A TEXAN'S DRAWL*

HAND CRAFTED
BY TEXAS SADDLEMAKERS

The "Major Van Horn" ... Texas Ranger Belt named for Commander of "Van Horn's Long Knives," famous frontier cavalry. Full grain cowhide. Tooled Mexican Rose design. 1" wide. Fine saddle leather, skilled craftsmanship, authentic design. Outer billet straps hold buckle away from body. Saddle Tan, Antique, or Brown, \$1.00.



The "Spanish Spur" ... A Saddle Craft authentic Western billfold. Handsomely tooled. Hand-crafted from fine steerhide. Divided bill pocket. Two card pockets, one with window. Two half pockets, one cello envelope. Outside in Saddle Tan. Two-tone inside in Saddle Tan and Texas Roan. Designed by leading Western artist \$3.50

IF DEALER DOESN'T HAVE, MAIL COUPON
TexTan, Dept. L-542
Yokum, Texas.

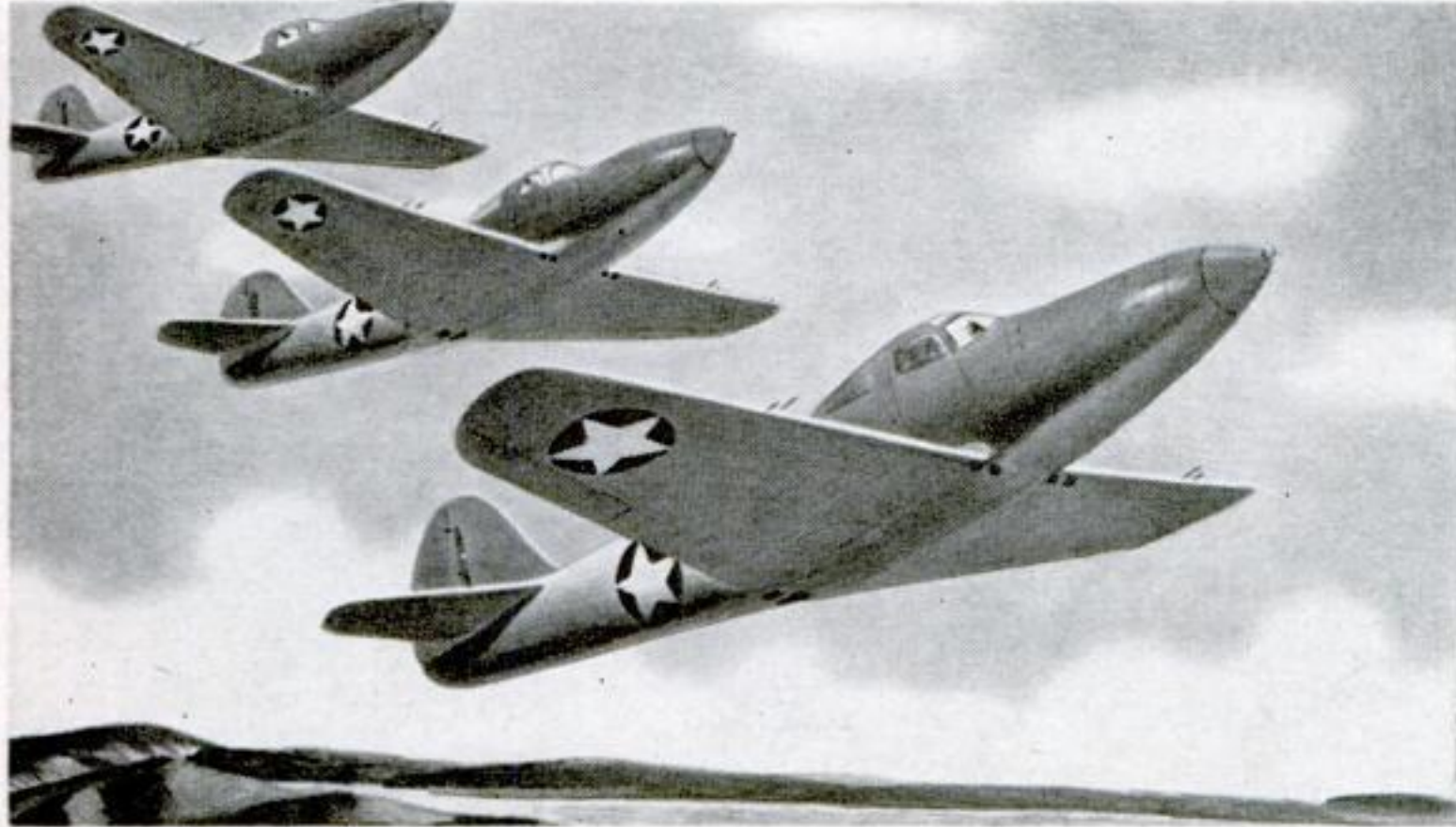
Please send belts and/or billfolds as checked. If not 100% satisfactory, I reserve right to return merchandise in seven days for full refund. Remittance enclosed ☐ send C.O.D. ☐ "Major Van Horn" Belt ☐ Saddle Tan ☐ Antique ☐ Brown ☐ Waist measure _____ inches. Send free catalog ☐ "Spanish Spur" Billfold ☐

My Name _____
Address _____
City _____ State _____

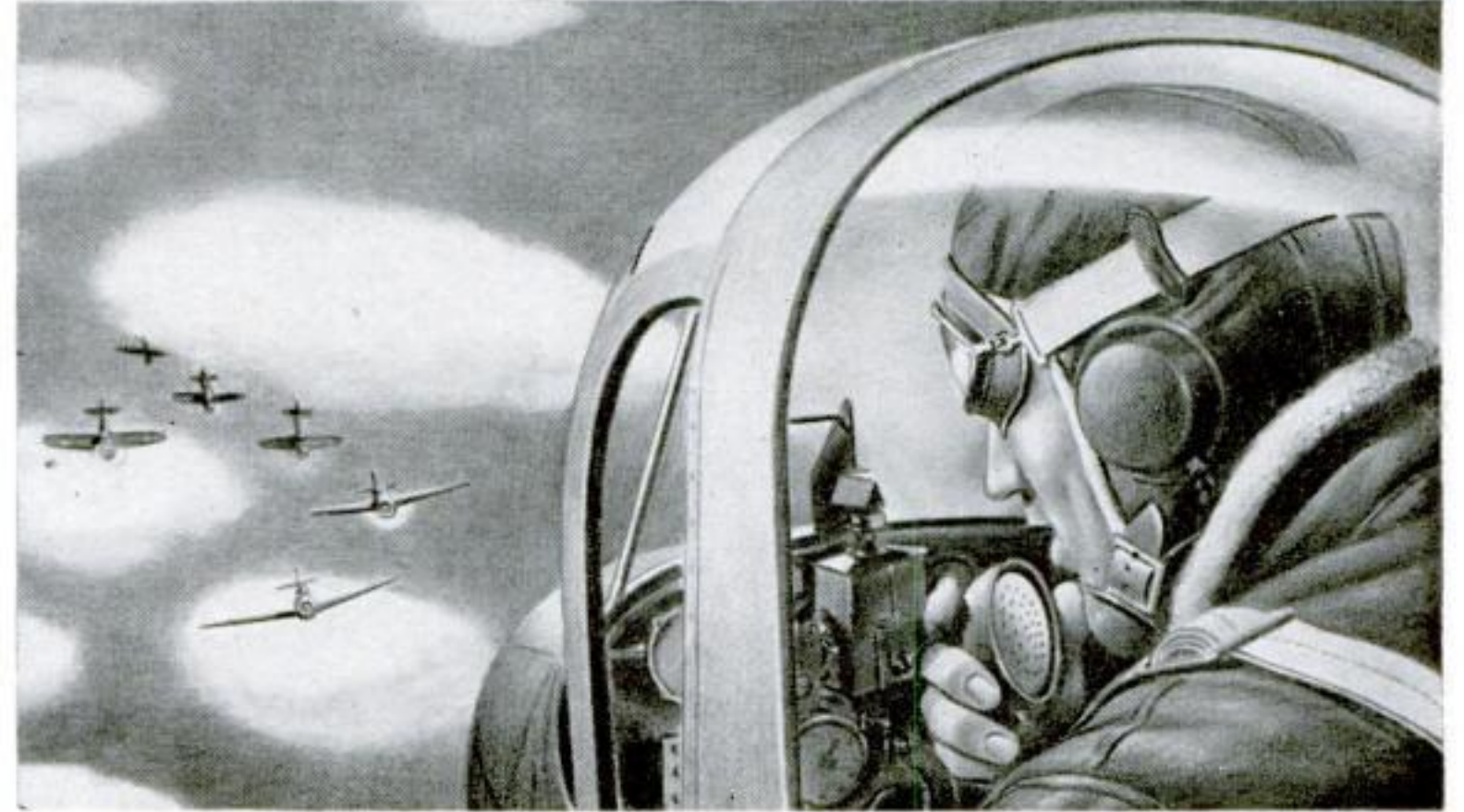
"NOTHING'LL STOP THE ARMY AIR CORPS!"



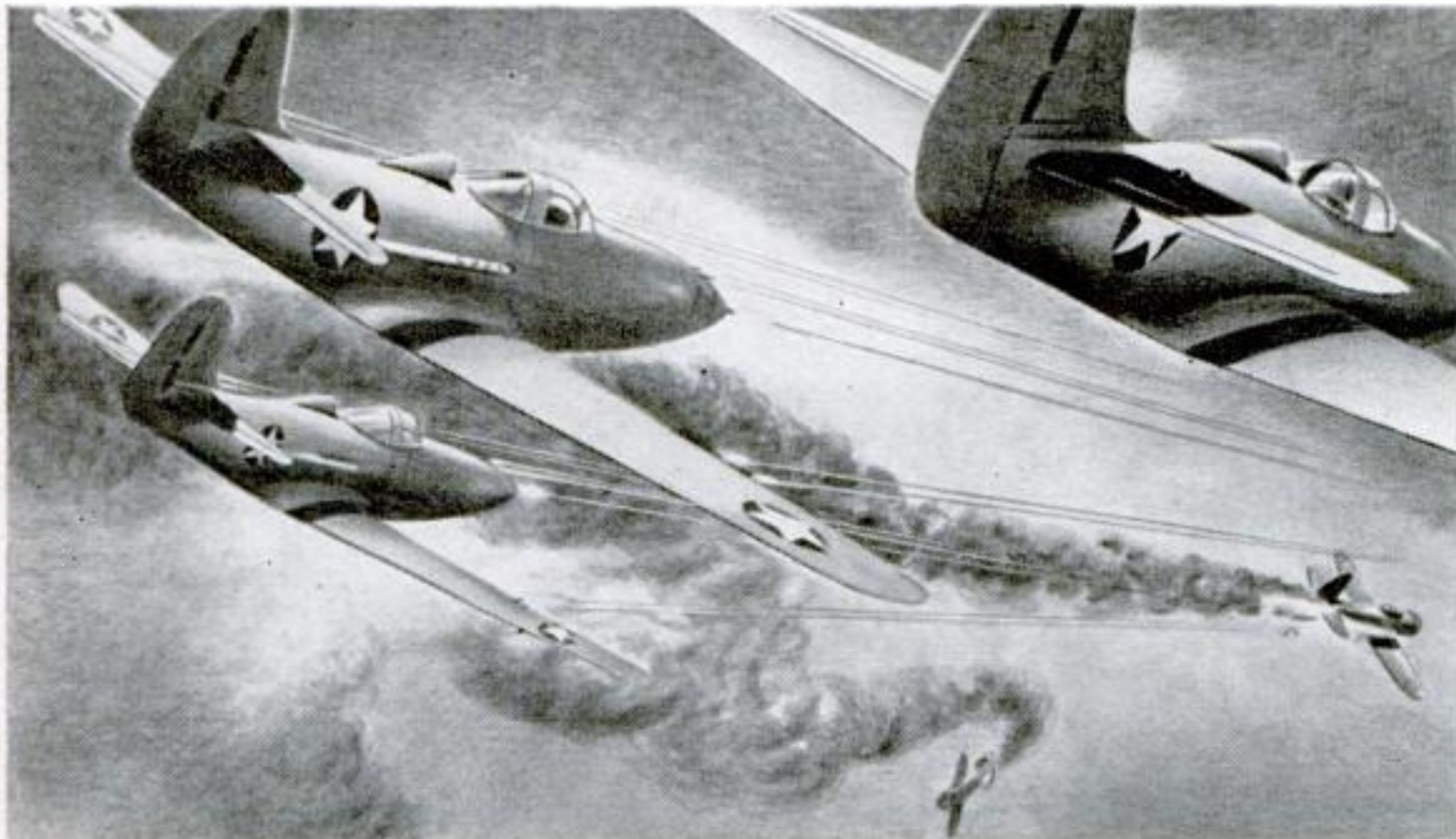
Words from the official song of the United States Army Air Corps, reproduced by permission of Carl Fischer, Inc. and the composer, Capt. Robert Crawford, U. S. Army Air Corps.



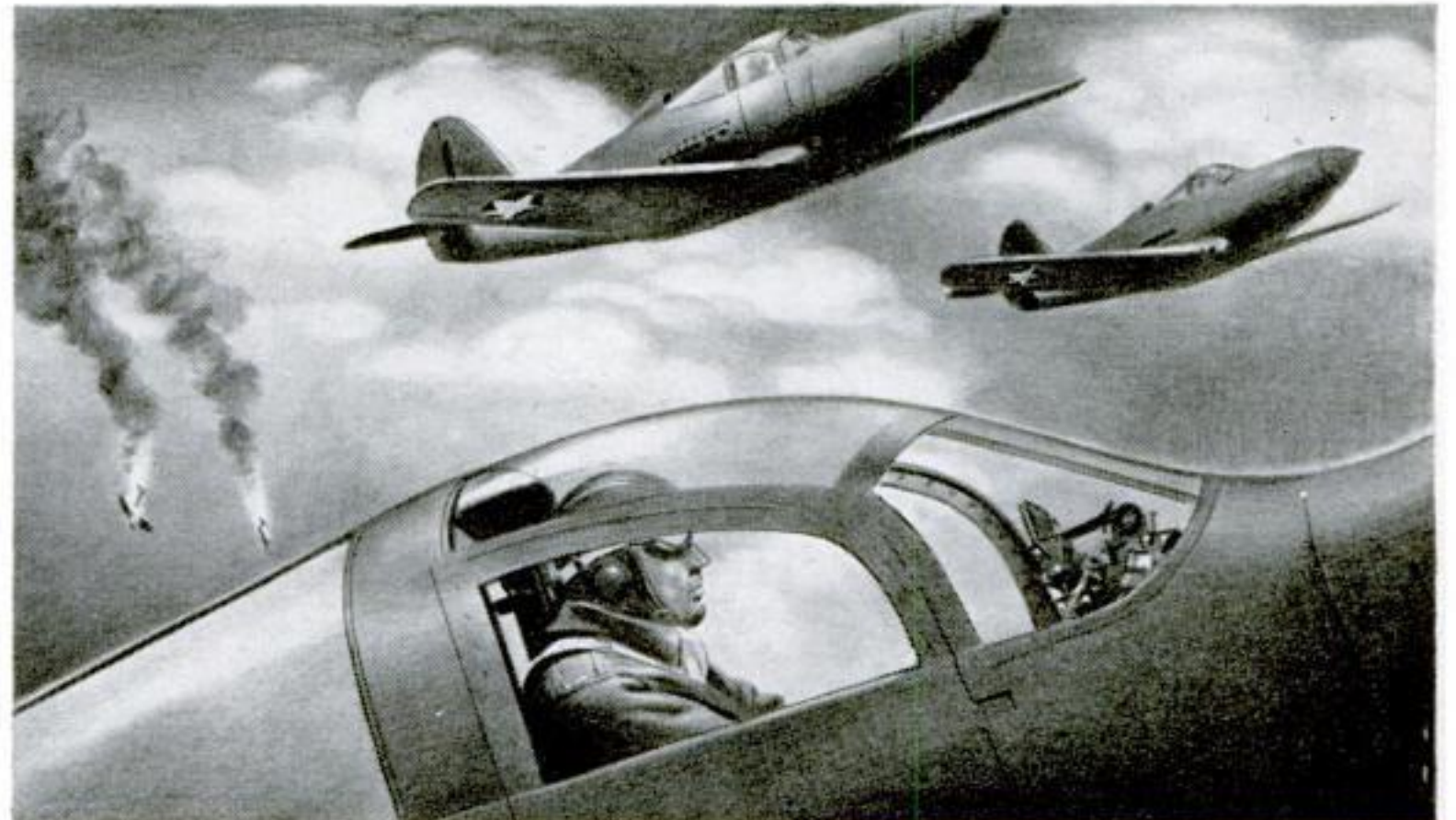
"Off we go into the wild blue yonder,
Climbing high into the sun.



Here they come, zooming to meet our thunder,
At 'em boys, give 'er the gun!



Down we dive, spouting our flame from under,
Off with one terrible roar.



We live in fame—or go down in flame,
Nothing'll stop the Army Air Corps!"

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**AND NOTHING'LL STOP THE
MEN AND WOMEN OF
OLDSMOBILE FROM PUTTING
EVERYTHING INTO THEIR
WORK...BUILDING
AUTOMATIC AIRPLANE
CANNON FOR THESE
VALIANT FIGHTING FLIERS**

Every day brings new exciting news
about our men who fight in the clouds.

Already, they've chalked up high scores in their favor. Already, they've invaded important enemy strongholds. Already, they've proved that American equipment and American fliers can handle anything the enemy has shown them. Oldsmobile takes especial pride in their achievements because Oldsmobile workers consider themselves "part of the team." Building "fire-power" for the Air Corps is one of Oldsmobile's big responsibilities in this war.



Starting volume production a year ago last October, Oldsmobile has turned out tens of thousands of fast-firing, hard-hitting cannon for pursuit ships and other types of planes. And Oldsmobile men and women are producing other kinds of "fire-power," too—cannon for tanks, and shot and shell for tanks and artillery... all being turned out—not tomorrow—or next year—but right now in volume.

FOR VICTORY, BUY UNITED STATES WAR BONDS!

OLDSMOBILE DIVISION OF GENERAL MOTORS

★ VOLUME PRODUCER OF "FIRE-POWER" FOR THE U. S. A. ★

THIS CHRISTMAS GIVE CASTLE FILMS' HOME MOVIES!



COSTS LESS THAN UNEXPOSED FILM!

8mm.

16mm.



"CHRISTMAS CARTOON"

BRING CHRISTMAS JOY TO YOUR HOME SCREEN!

The children's woe at finding no gifts turns to joy after a rollicking movie cartoon treat! Santa arrives! Wooden soldiers march! Mice steal toy train! Like magic the missing gifts appear! A grand Christmas movie for all! Own it—show it this Christmas!

FREE!

New 32-page 1943 Castle Films' Catalogue describes over 100 great movies. Check below for your free copy!



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SAN FRANCISCO

WAR NEWS!

"NEWS PARADE
OF THE YEAR"
(1942)

The year's historic events pictured—all in one film! Authentic! Filmed under fire! Dieppe! Stalingrad! Midway victory! Battle of Atlantic! Key events! Own it!

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OF 1942"

Breath-taking moments from the year's greatest games! Army-Navy! Yale-Harvard! Michigan-Ohio State! Many others! Order now!

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PHOTO DEALER
OR SEND HIM
THIS HANDY
ORDER FORM

TODAY!

ORDER FORM

Please send the motion pictures checked in the size and edition indicated:

8MM. SIZE		16MM. SIZE		
50 Feet	180 Feet	100 Feet	360 Feet	Sound
\$175	\$550	\$275	\$875	\$1750
Christmas Cartoon				
News Parade '42				
Football Thrills '42				

Name _____

Address _____

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Remittance enclosed ☐ Ship C.O.D. ☐ Send Castle Films' **FREE** Catalogue ☐

LETTERS TO THE EDITORS

(continued)

with Prof. Langley but because of illness he missed the flight of the Wright brothers. Now, because of his age, he is superintending younger gremlins of draft age. But, if you will notice the large



AIR MARSHAL SLIPSTREAM

stogie he smokes, you can readily understand that, because he makes many flights with ferry pilots, the smoke from his cigar makes them quite drowsy, so he does get in his little joke.

RICHARD WYNN

Rockville Center, N.Y.

"YORKTOWN"

Sirs:

I have just read your interesting story of the sinking of the *Yorktown* (LIFE, Nov. 16). Such a detailed and vivid account of her destruction can never be put in history books when this war is over.

The only fault I have to find is with the picture of Captain Elliott Buckmaster. He only has three gold stripes on his shoulders, and to my knowledge this is a commander's rating. Should not a captain have four stripes?

WILLIAM J. CODD

Staten Island, N.Y.

● The picture was taken before Captain Buckmaster was promoted from commander.—ED.

SHEA LETTER

Sirs:

Please accept my congratulations on the publication in the Nov. 16 issue of LIFE of the letter of Commander John J. Shea to his son. In Cambridge we are naturally proud of the memory of this heroic man and sorrowful because of his loss to the nation.

You are doubly to be congratulated in having published the full text of the letter and not a garbled version which in some way or other got into circulation and which lost the passage most clearly revealing the standards of the dead man. Thank you for your sense of duty to the dead and for your spreading of this magnificent letter in its entirety.

MRS. JOHN A. DALY

Cambridge, Mass.

VANDEGRIFT LETTERS

Sirs:

I wish to thank you and Mrs. Vandegrift for publishing General Vandegrift's letters in the Nov. 16 issue. Many other mothers with sons "down under" must have read them and felt deeply grateful, as I did, to be allowed to share these intimate, human and concrete messages.

MRS. E. L. WARREN

Amherst, N. H.

AMPHIBIOUS WARFARE

Sirs:

Your article on amphibious warfare (LIFE, Nov. 16) was certainly a boon to us in the Amphibious Force. We have been trying to explain to our friends and families what we are doing—now we can just tell them to read LIFE!

(continued on p. 11)

When Nose Stuffs Up With a Cold



MAKES NOSE
FEEL CLEARER
IN SECONDS!

Any Time... Any Place...

Get greater breathing comfort—quick—with the new, handy Vicks Inhaler. It's packed with effective medication. Grand for a cold-stuffed nose! And you can use it as often as needed!



VICKS INHALER

CHILDREN'S COLDS

To relieve miseries—rub VicksVapoRub thoroughly on throat, chest, back and let its time-tested poultice-vapor action go to work!



VICKS
VAPORUB

FOR "HER"
CHRISTMAS

Perfume
IN A
New Form

SOLID PERFUME... no bottles to break, no alcohol to evaporate! World's most priceless perfume... costs little, lasts long... 12 fragrances... at drug and cosmetic counters.

\$1.00
plus tax



RIC PRODUCTS INC. • PHILA., PA.



Recipe for a Merry-Terry Christmas



Every woman's idea for a beautiful bathroom and luxurious bathing: lovely Cannon towels, famous for decorative, colorful styles, long wear and absorbency. No housewife ever has too many.



All men like big, sturdy, thirsty towels that do a he-man's job of drying. Even soldiers and sailors want them this Christmas. Don't wait to be told — give him America's favorite, Cannon towels.



For the service bride and bride-to-be, give her something she can always use — a matched set of famous Cannon towels, preferred by the majority of home-makers for their beauty and good quality.



Here's how you can give important presents that are easy on the budget — and have fun selecting and wrapping them into stunning gifts. Give what every one welcomes — Cannon towels.



Cannon Towels


THE WELCOME, LASTING GIFT



A GOOD SIGN FOR THE TIMES



"Look, Bob—an Elgin from the folks!"

 In the islands of the Pacific... in England... on ships at sea... this will be a "box-from-home" Christmas for many a fighting Yank.

Call it tradition, if you wish. Call it sentiment. But if the gifts you have sent include an Elgin watch, then it's bound to be a real American Christmas!

Yes, for the member of your family doing a job on the fighting front or home front, an Elgin is the perfect remembrance.

Of course, fewer of these watches are available this year, due to Elgin's war effort. Long before Pearl Harbor even, the government



requested Elgin to produce special military devices and precision instruments. And these today are Elgin's first concern. Fighting planes, tanks and guns must be equipped.

However, each one of the Elgins your jeweler is offering is star-timed and true to the famous Elgin standard of dependability. Each is produced by Elgin's unique partnership of fourth-generation craftsmen and scientists.

You will also be interested in your jeweler's many other fine gifts of quality, including exquisite precious and semi-precious stones and silverware. *A gift means so much when it comes from your jeweler's.*



Brilliantly designed Lady Elgin. 14K rosé gold filled.

(Top) Elgin Service Watch. Luminous dial. Sweep hand.
(Bottom) Thin Lord Elgin. 14K natural gold filled case.

ELGIN

*Since 1865 a great
American gift tradition*



Beautiful Elgin De Luxe. Star-timed for superb accuracy.

EARLY TIMES

FOR BETTER TIMES



KENTUCKY STRAIGHT
BOURBON WHISKY
EARLY TIMES DISTILLERY CO., FRANKFORT, KY.
A Division of
BROWN-FORMAN DISTILLERS CORP., LOUISVILLE, KY.



"Want To
Know My
Secret?"

UNDER-TONE
does 2 things
for my skin...

1. It softens, lubricates and protects...there's no better DRY SKIN CORRECTIVE.
2. It clears and smooths the skin...there's no better POWDER BASE.

\$1.50 Plus Federal Tax

"Make a little Beauty go a long way"

Frances Denney
OF PHILADELPHIA

LETTERS TO THE EDITORS

(continued)

Your article has done a lot for the morale of our men, as they felt they had a plug coming to them for their work.
LIEUT. JAMES H. MCCARTHY,
U. S. N. R.

JINX IN PANAMA

Sirs:

Didn't realize how much professional stars were and are really doing for USO until I chanced upon the article by Jinx Falkenburg (LIFE, Nov. 16).

It certainly is heartening to know that such notables of the entertainment world are in the war program 100%.

HERMAN D'ATRI
Amsterdam, N. Y.

WALKING STICKS

Sirs:

In your Nov. 16 issue of LIFE you publish a picture of walking sticks with the remark that "No naturalist has ever found a male walking stick."

It seems that you are in error. The much smaller and still less conspicuous males are occasionally seen. The en-



WALKING STICKS

closed picture which I took in August 1939 proves the fact, showing both male and female. On revisiting the scene four hours later I found no trace of the female; however, a foot of the male was still dangling from the bark, gruesome evidence that in all probability the rest of his body had served as a wedding feast for the female.

B. L. VON JARCHOW, M.D.
Racine, Wis.

"ILLUSTRATED LONDON NEWS"

Sirs:

I was greatly interested to read in LIFE, Nov. 16, the article on "Britain's famed pictorial weekly, the *Illustrated London News*. I feel that LIFE should be congratulated on publishing this article, if for no other reason than the graphic examples shown of the evolution that has taken place in the art of printing and lithography covering the past hundred years.

M. ROSS TAYLOR, M. D.
Wynnewood, Pa.

P-38

Sirs:

Orchids to Hans Groenhoff who took the full-spread picture in color of a Lockheed P-38 in action (LIFE, Nov. 16). The men and women who build the "Yippy" (so nicknamed because of its first designation—YP-38) are mighty proud of the part that their Airplane is going to play in winning the war, and therefore we gobble with gusto every bit of news published about it. We think that the Yippy is the finest airplane of its type in the world and we congratulate you, the editors, for being "heads up" in matters of military aviation.

RICHARD S. PANNELL
Lockheed Air Terminal
Burbank, Calif.

Editorial correspondence
should be addressed to:
THE EDITOR, LIFE
TIME & LIFE BUILDING
ROCKEFELLER CENTER
NEW YORK CITY

Give your Christmas angel the glamour
gowns she loves . . . but make sure they're
more-for-your-money KAYSER quality!

This adorable is of fine rayon jersey . . . beloved
because it has such a pleasant touch, holds its
shape, resists a run, washes and wears
beautifully . . . never needs a pressing!

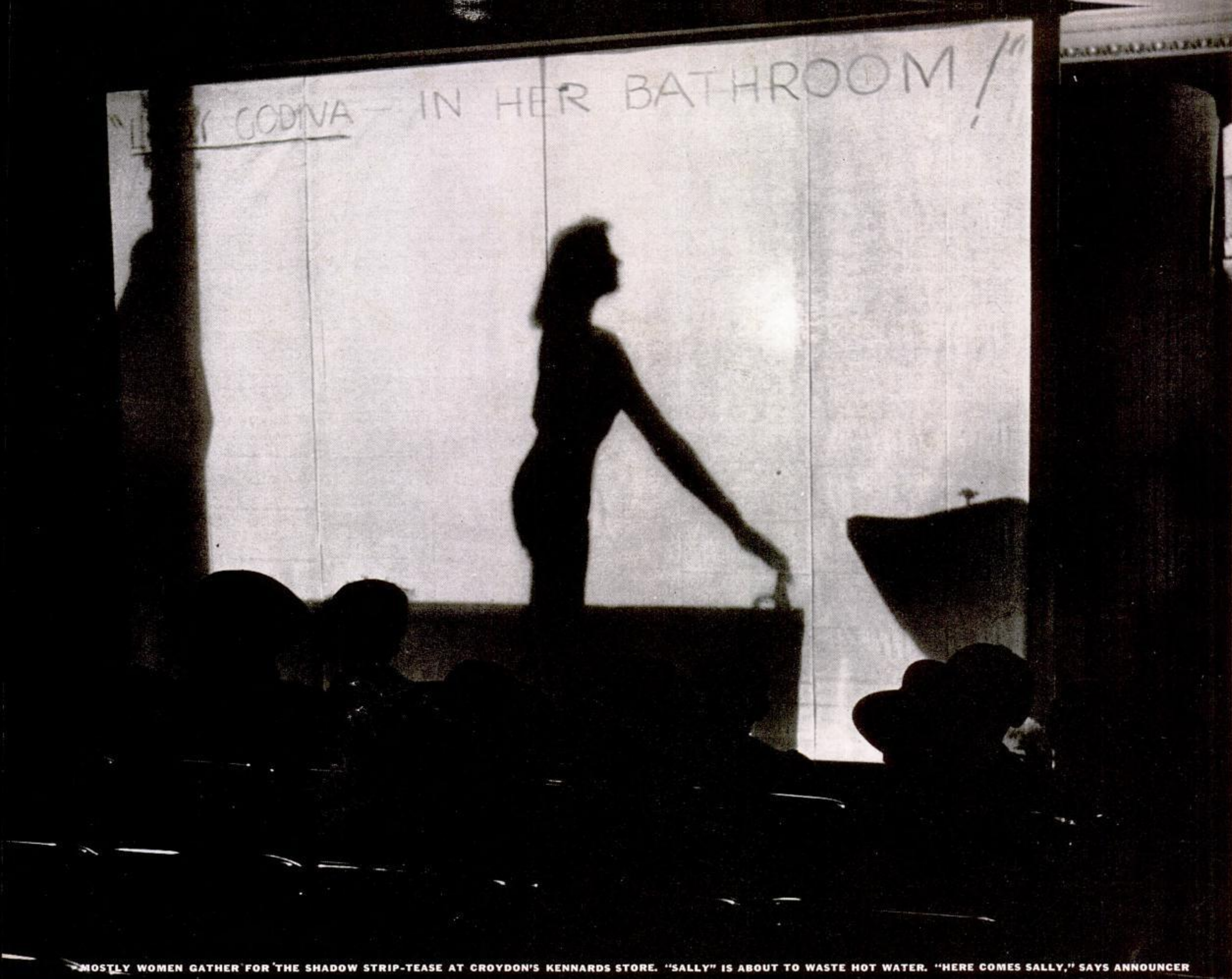
A "Princella" fashion with embroidered
goddess-bodice. 2.50 at your favorite shop

KAYSER

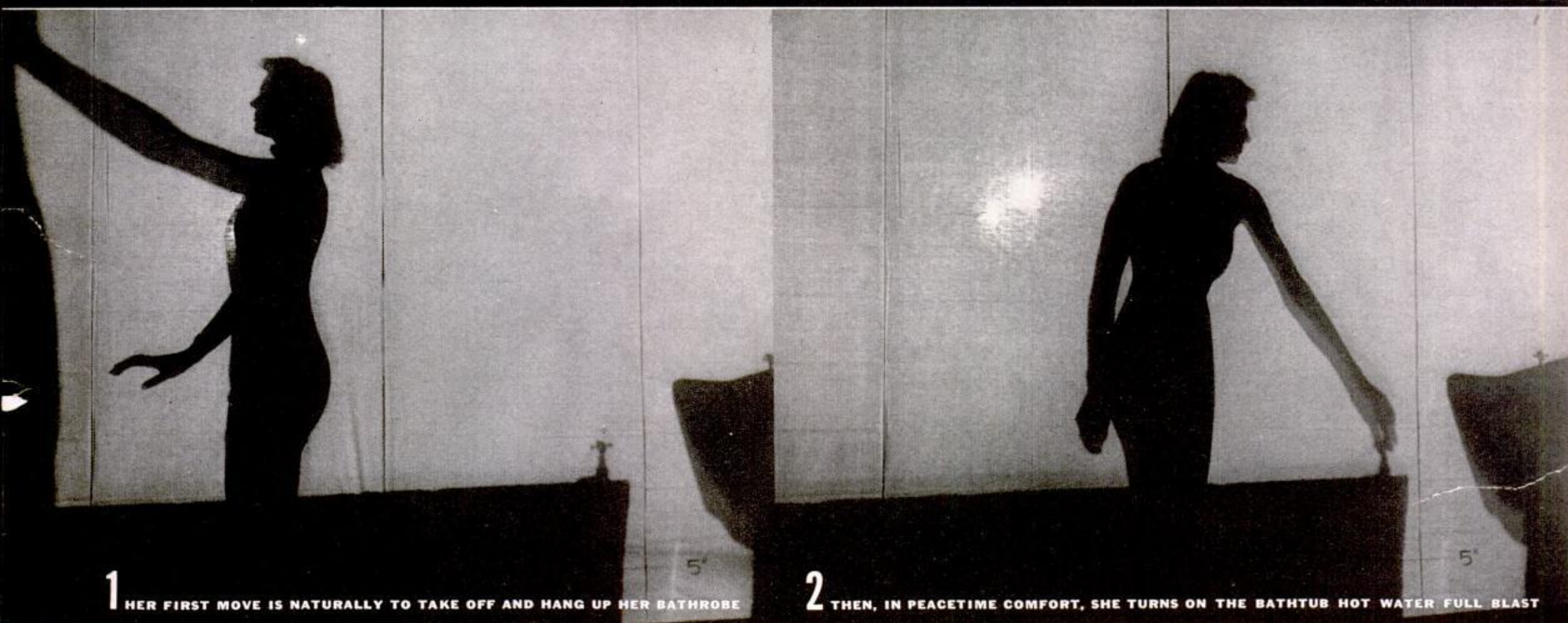
Gloves, Underwear, Hosiery

...BUY WAR BONDS TOO!

"SALLY GODIVA - IN HER BATHROOM!"



MOSTLY WOMEN GATHER FOR THE SHADOW STRIP-TEASE AT CROYDON'S KENNARDS STORE. "SALLY" IS ABOUT TO WASTE HOT WATER. "HERE COMES SALLY," SAYS ANNOUNCER

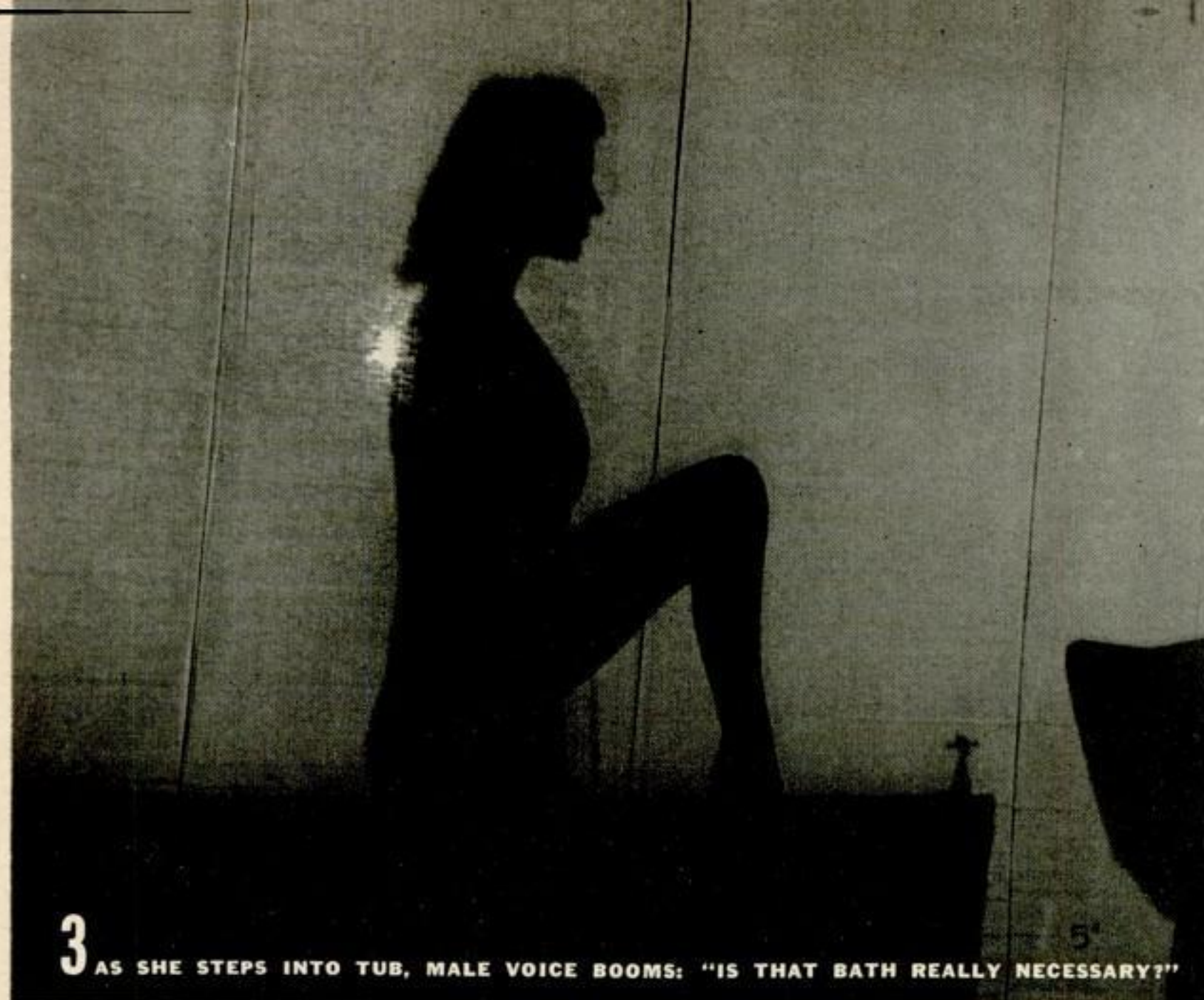


1 HER FIRST MOVE IS NATURALLY TO TAKE OFF AND HANG UP HER BATHROBE

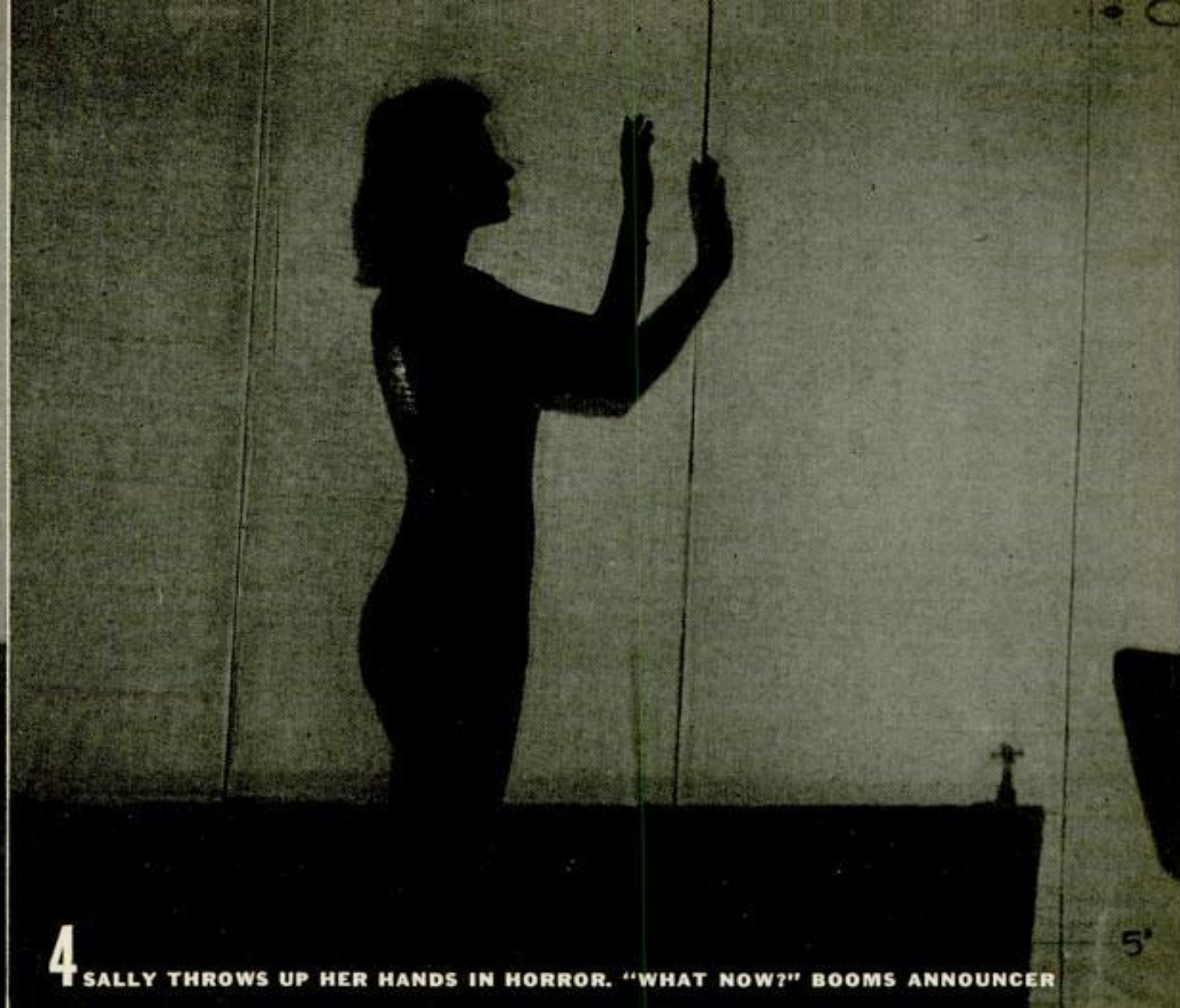
2 THEN, IN PEACETIME COMFORT, SHE TURNS ON THE BATHTUB HOT WATER FULL BLAST

SPEAKING OF PICTURES . . .

. . . BRITISH STRIP-TEASE TELLS HOW TO SAVE FUEL



3 AS SHE STEPS INTO TUB, MALE VOICE BOOMS: "IS THAT BATH REALLY NECESSARY?"



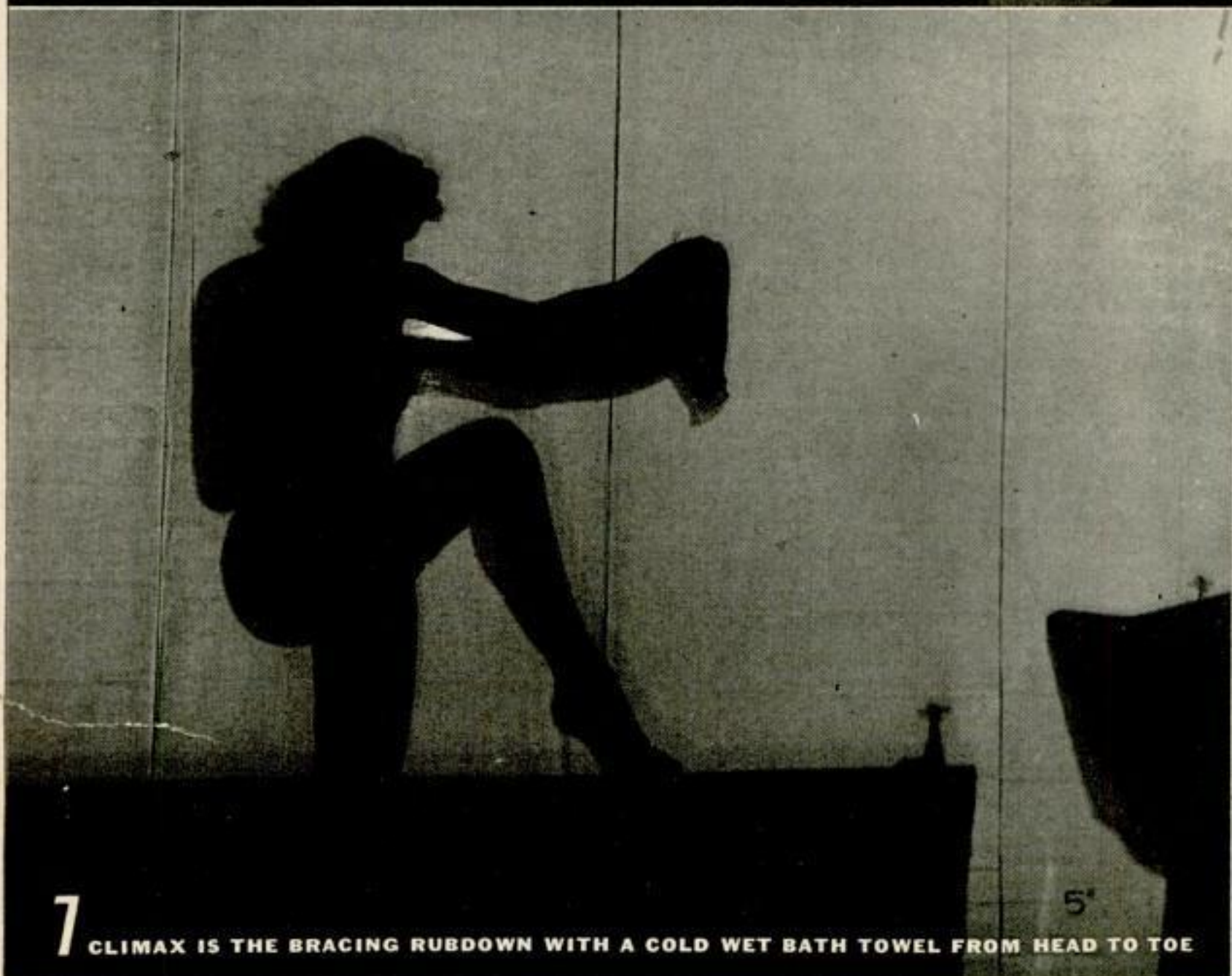
4 SALLY THROWS UP HER HANDS IN HORROR. "WHAT NOW?" BOOMS ANNOUNCER



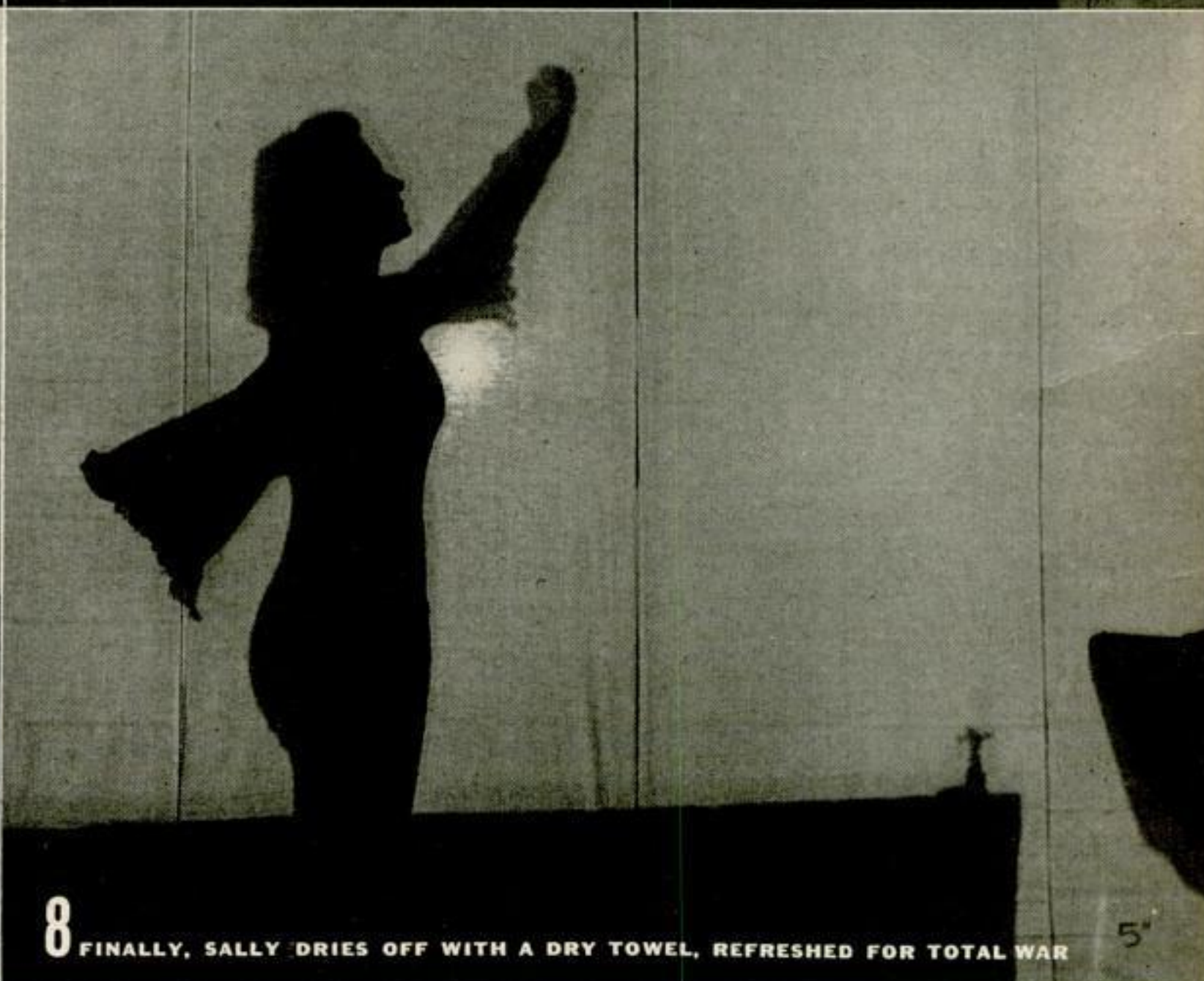
5 INSTEAD, SALLY GOES TO WASHBASIN. "IS THAT WATER HOT?" NAGS THE ANNOUNCER



6 SALLY NOW SWITCHES TO COLD WATER AND SOAKS A LARGE BATH TOWEL IN IT



7 CLIMAX IS THE BRACING RUBDOWN WITH A COLD WET BATH TOWEL FROM HEAD TO TOE



8 FINALLY, SALLY DRIES OFF WITH A DRY TOWEL, REFRESHED FOR TOTAL WAR

No joke in England is the tightening shortage of coal and oil for civilian needs, for heating homes, cooking meals and taking hot baths. The King of England had 5-in. marks painted on his bathtubs, a line marked also in the bathtub above to show the maximum amount of hot water he permitted himself.

One British department store, Kennards in Croydon, has gone even further. Three times a day it shows the shadow strip-tease above, in which a "modern Lady Godiva" named "Sally" is stopped in her hot bath by an officious male voice that asks whether she has forgotten fuel rationing. Shaken, Sally ends by

taking a patriotic cold rubdown with a wet towel. In the course of this she apparently breaks the official British police edict against allowing nudes to wiggle in public. But a delegation of British women called to protest and watched Sally from behind her screen. For what Sally looks like behind the screen, turn the page.



A United States Marine dodges swiftly across the battle-scarred slope, takes position behind a shattered wall that commands the enemy gun emplacement across the tiny valley.

A shell explodes in a shower of dirt, two hundred yards away from the enemy gun.

The Marine speaks quietly into the tiny microphone in his hand. "AK9 to BJ. Left four zero. Two hundred short." Miles away, an American artillery officer issues swift commands to his gun crew.

"Mission accomplished!"



Another shell-burst, this time in front of the target. "AK9 to BJ," says the leatherneck. "Left one zero. One hundred short."



And then, suddenly, a terrific, ground-shaking explosion across the valley . . . the enemy gun emplacement disappears in a black, billowing geyser of rocks and smoke and rubble. The Marine puts the microphone to his lips.

"AK9 to BJ—Mission accomplished! AK9 to BJ—Mission accomplished!"

Mission accomplished—a direct hit! *Because the miracle of electricity has been put to work again*—in the rugged, compact radio transmitter and receiver that rides comfortably across the devil dog's back. "Walkie-talkie," the Marines call it—a light, completely self-contained unit that allows constant two-way communication with unhampered freedom of movement. On scores of vital assignments, from spotting artillery fire to co-ordinating the movement of advance patrols, the "walkie-talkie" is helping to make American Marines the deadly fighting team that they are.

The "walkie-talkie" is only one of many Westinghouse electrical products for America's ground forces. In tanks and combat cars—at artillery and anti-aircraft posts and communications centers—in the field and behind the lines, more than a hundred kinds of Westinghouse electrical equipment are in use. Even in base and field hospitals, Westinghouse X-Ray machines and ultra-violet Sterilamps* are helping daily to save the lives of wounded men.

For our ground forces, as well as for our naval and air forces, every ounce of Westinghouse "know-how" is on the job—to provide more and more of the deadliest fighting weapons that skill and ingenuity and hard work can produce.



Westinghouse

... making Electricity work for Victory

Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa.

Plants in 25 cities; offices everywhere

*Trade-mark Registered

SPEAKING OF PICTURES

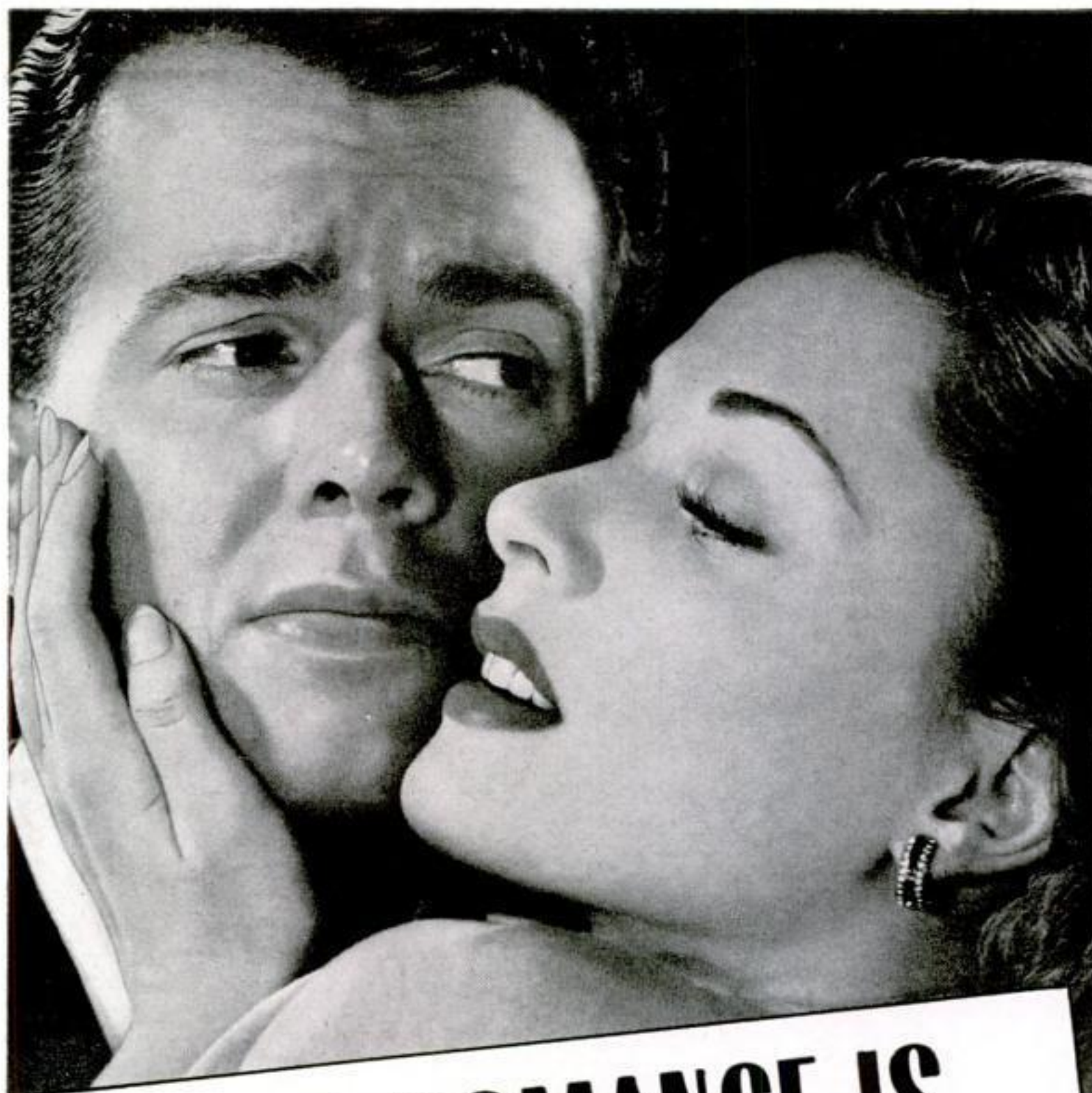
(continued)



"Horror" pose, from behind, shows Miss Vivien Brett behind a fake bathtub, a real washstand, clothed in a heavy woolen swim suit. This disarmed protesting women.



Stepping into tub, Sally foolishly wears her wrist watch and no bathing cap. But at the end the announcer congratulates her on helping the war effort by saving fuel.



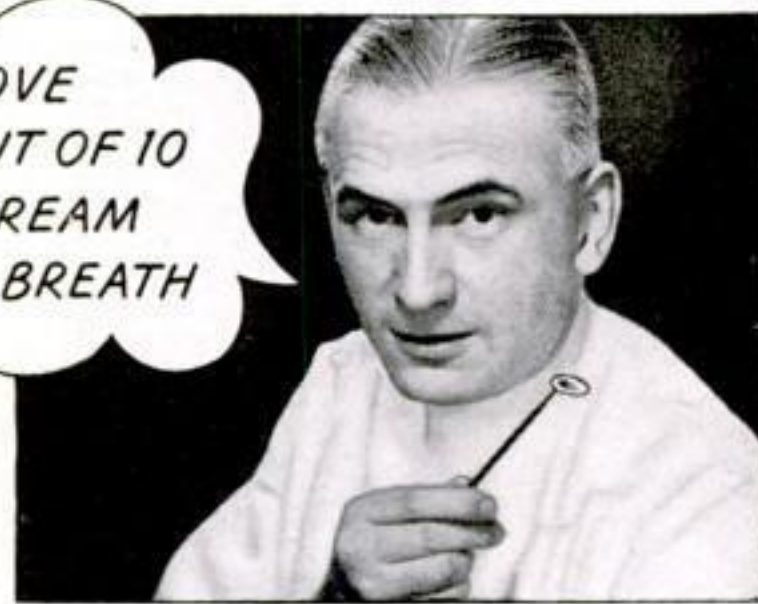
**MANY A ROMANCE IS
WRECKED BY A KISS!**

**Yes, when a kiss reveals Bad Breath—
it's curtains for romance!**

**So Play Safe! Use Colgate Dental Cream
—the toothpaste that cleans your breath
while it cleans your teeth!**

YES, SCIENTIFIC TESTS PROVE
CONCLUSIVELY THAT IN 7 OUT OF 10
CASES, COLGATE DENTAL CREAM
INSTANTLY STOPS ORAL BAD BREATH

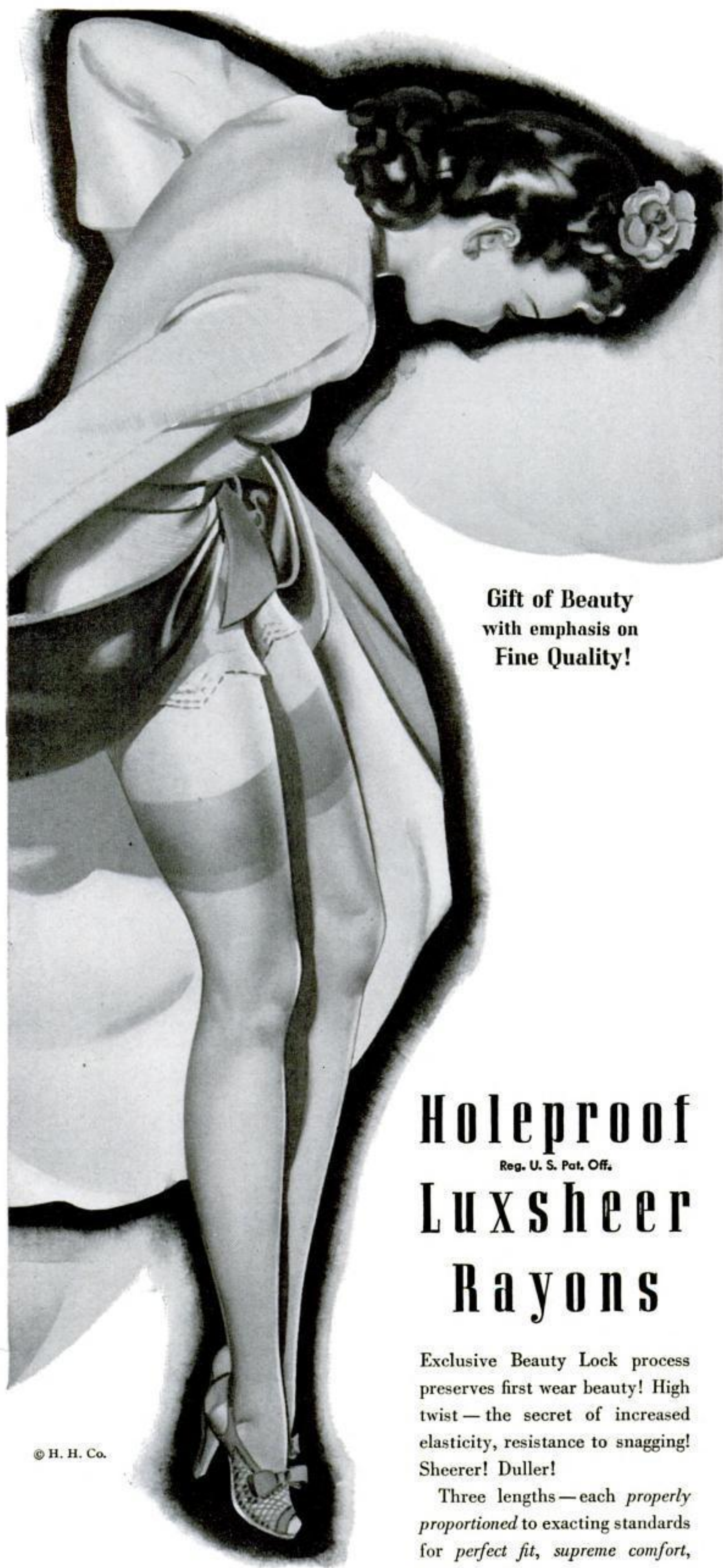
COLGATE DENTAL CREAM, you
see, has an active penetrating
foam that gets into the hidden crevices
between your teeth—helps clean
out decaying food particles and stop
the stagnant saliva odors that are
the cause of much bad breath.



Colgate's has a soft, safe polishing
agent that cleans enamel thor-
oughly, yet gently—makes teeth
naturally bright, sparkling! Besides,
Colgate's delicious, wake-up flavor
makes it a favorite with children
and grownups alike.



Take an empty tube
with you when you buy



Gift of Beauty
with emphasis on
Fine Quality!

Holeproof Luxsheer Rayons

Reg. U. S. Pat. Off.

Exclusive Beauty Lock process preserves first wear beauty! High twist—the secret of increased elasticity, resistance to snagging! Sheerer! Duller!

Three lengths—each properly proportioned to exacting standards for perfect fit, supreme comfort, better wear!

\$1 and up
At Leading Stores Everywhere

HOLEPROOF HOSIERY CO.
MILWAUKEE, WIS.



HOLEPROOF *Fine Stockings*
HOLEPROOF ALSO MAKES LUXITE UNDERWEAR AND MEN'S SOCKS

LIFE'S REPORTS

FIGHTING DAY AT AN AIRDROME by ROY ALEXANDER

The Fortresses lay sulking and lean in the English mist of their dispersal stations. There had been no flying the preceding day. But now the forecast was good news for the bomber crews, bad news for Occupied Country targets. The Fortresses were being bombed up and a typical fighting day in a U. S. airdrome had dawned. Target for this day of last week: St. Nazaire. Fighter escort: none. None needed for the most heavily armed bombers in the world.

Long before dawn combat crews had been up and at their dispersal points chaffing with the ground crew as last checks were made. On bicycles and in trucks they had dashed to the mess hall for breakfast, had been briefed on their mission by intelligence officers. As engines spat and thudded into life, the camp began to move. Workmen rumbled out in trucks and went to work on new roads and buildings.

Soldiers and officers, clumping in galoshes through mud to offices and shops, started fires, rubbed red hands, cursed head colds and set to work.

Across the airdrome the Fortresses strained at their blocks as the engines were run up. Blue exhaust flames stabbed the dawn, flicked yellow as throttles were retarded. The first plane taxied out and waddled down to the take-off point. Others fell in behind.

The sun was up now. A green light winked at the first Fortress. The B-17 crept down the runway, picked up her tail. She burst from the thinning mist,

CONTINUED ON PAGE 19



A FORTRESS TAKES OFF AT SUNRISE

Spur



5¢

THE COLA DRINK

WITH
CANADA DRY
QUALITY



Buy War Bonds TODAY

★ ★ ★

YPS KITCHENS TOMORROW

The LONG LINES of mammoth presses that last year turned out thousands of carloads of YPS Planned Kitchens are on ANOTHER job now—but after the Axis is smashed — Youngstown Pressed Steel will again be turning out YPS Kitchens, planned for tomorrow's requirements.

War Bonds Today . . .
YPS Kitchens Tomorrow



YOUNGSTOWN
PRESSED STEEL DIVISION
Mullins Manufacturing Corporation
WARREN, OHIO

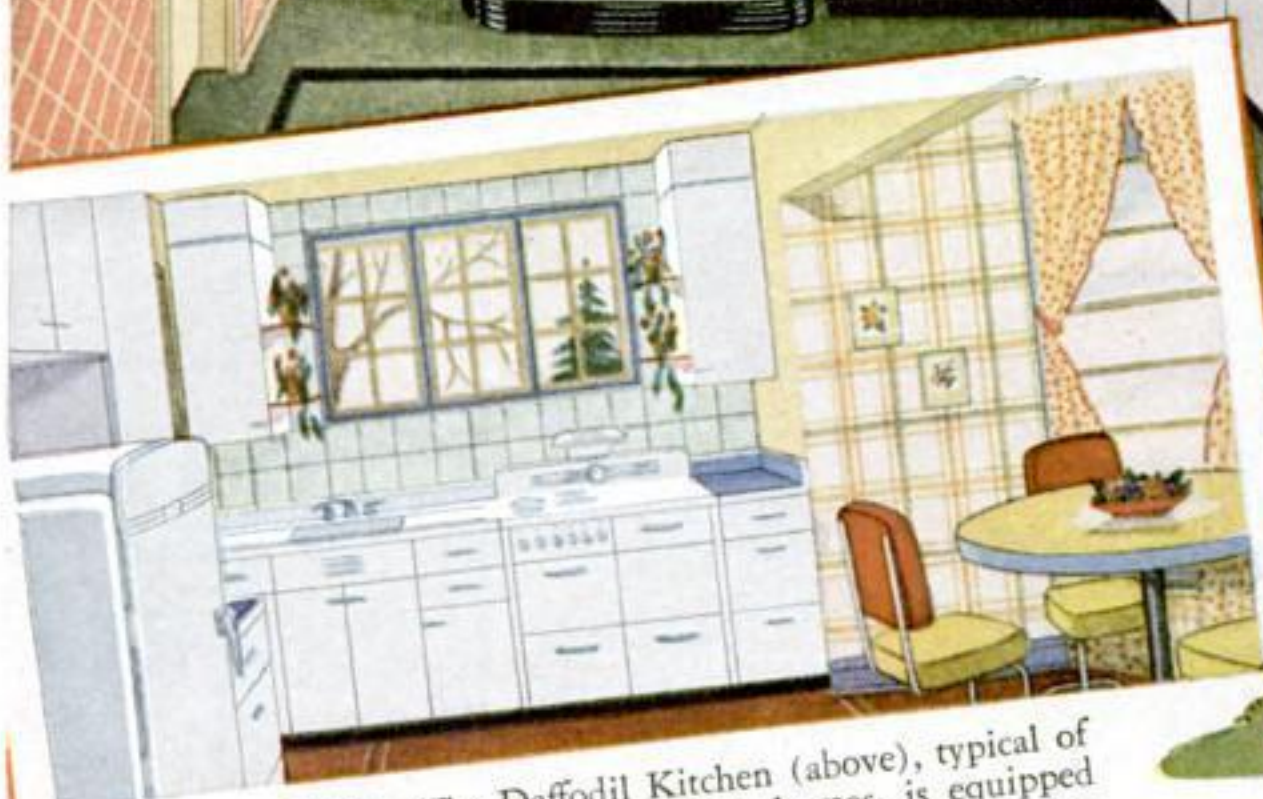
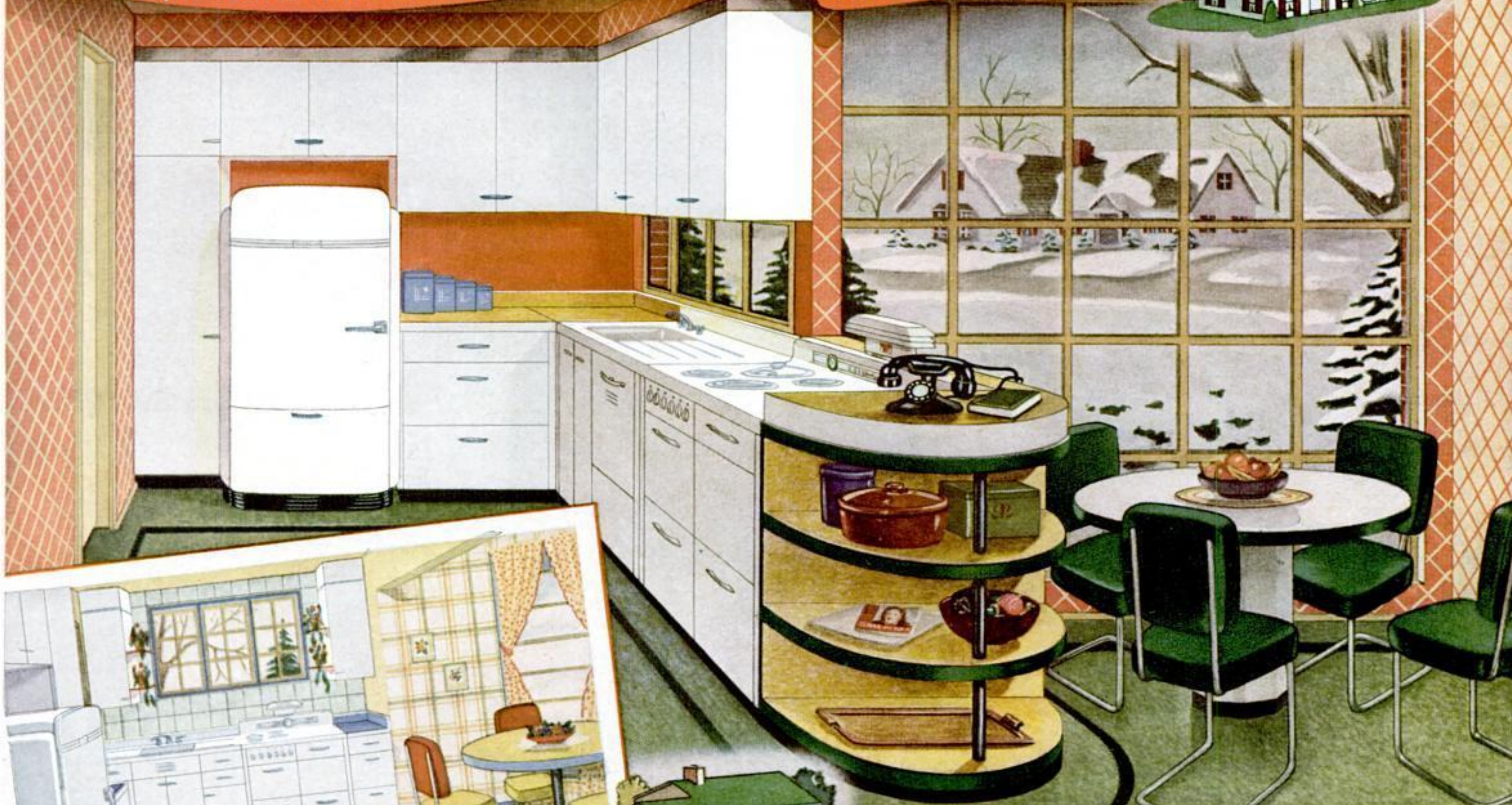


Our War-Bond Gifts Do DOUBLE-DUTY!

WE GOT our heads together and decided to be really *sensible* about presents this year—so Jim and I are giving each other War Bonds—and Susie's emptied her pig-bank to buy Stamps! And of course we have *two* big ideas in mind. By helping win the war we're making sure there'll be *years* of real American Christmases to come . . . And we're also building a nest-egg for the Hotpoint Electric Kitchen we're going to buy as soon as Hotpoint turns from war work to making home appliances again.

FOR HOMES
COSTING
\$6000

Someday We'll Have a HOTPOINT ELECTRIC KITCHEN Like . . .



FOR A \$4,000 HOME—The Daffodil Kitchen (above), typical of thousands installed in low-cost defense homes, is equipped with Hotpoint Range, Refrigerator, Sink and Steel Cabinets.

FOR HOMES
COSTING
\$4000

FOR A \$6,000 HOME—The Victory Kitchen (above), complete with Hotpoint Range, Refrigerator, Electric Dishwasher, Sink and Hotpoint Steel Cabinets, costs so little many \$6,000 homes now enjoy them.

The cost of a Hotpoint Electric Kitchen, including Appliances, Sink and Cabinets, averages about 10% of home-building costs.

Give War Bonds Today... Electric Kitchens Tomorrow



● A Hotpoint Electric Range will bring me the cleanliness of electricity. Meals will taste better—be better *for* us, because natural juices and precious vitamins are *not* cooked away!



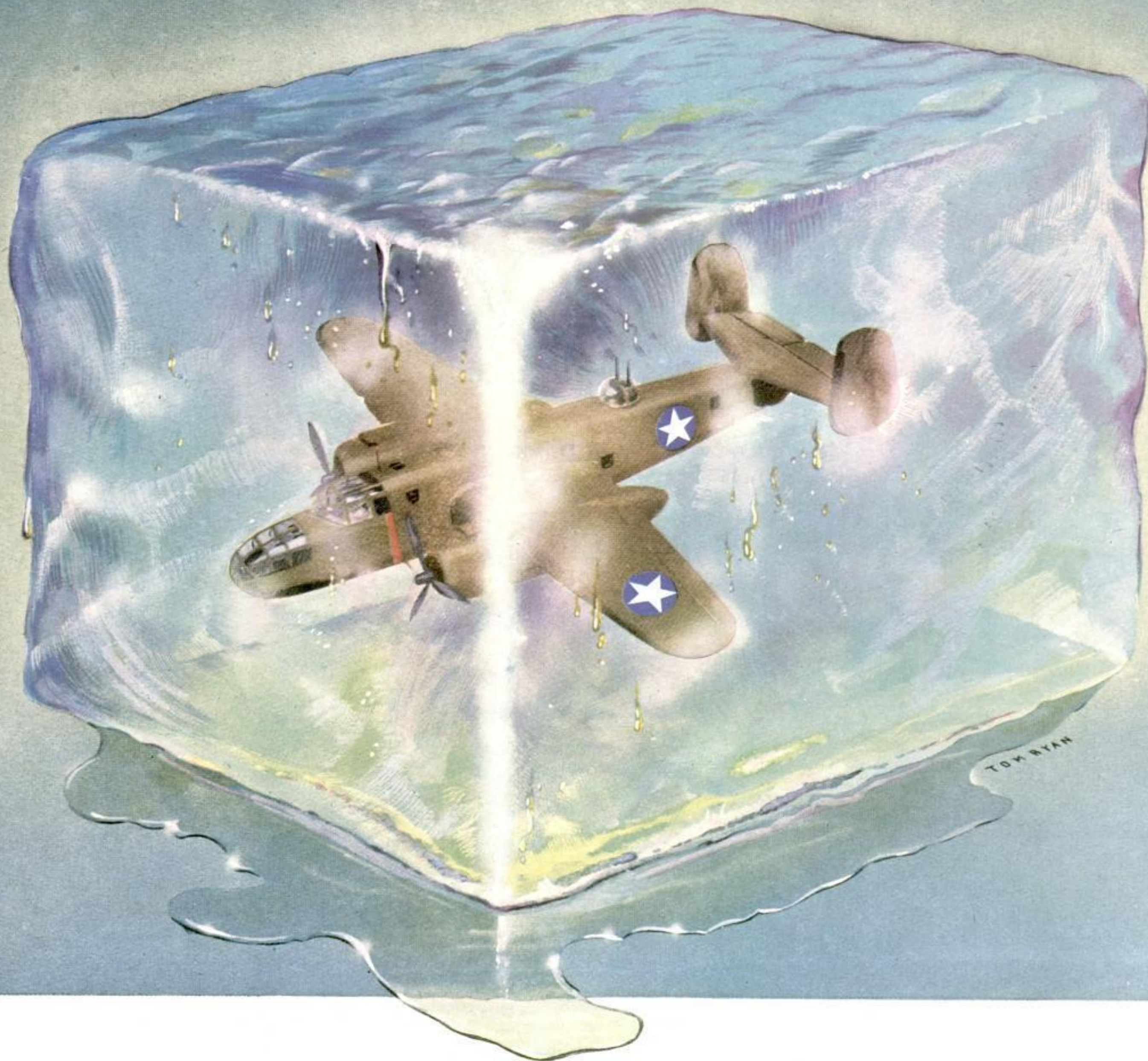
● Every feature of the big Hotpoint Electric Refrigerator is designed to save! It is built to preserve meats, fruits and vegetables at flavor peak!



● Thanks to the Hotpoint Automatic Electric Dishwasher, Disposall and Hotpoint Steel Cabinets, my kitchen will be as modern as tomorrow's news.

Hotpoint
ELECTRIC
KITCHENS

EDISON GENERAL ELECTRIC APPLIANCE CO.,
INC., 667 W. TAYLOR STREET
CHICAGO, ILLINOIS



We could have done this a year ago

The calendar says the United States has been at war one year this week.

But here at North American Aviation we've thrown the calendar away. Today we are building planes that are *years* ahead of the planes we were building in 1941.

Those late-1941 planes of ours were *good*. According to one theory of production we would have been justified in "freezing" the designs we had in production last December 7 and concentrating entirely on turning out those planes. But we don't work that way, nor do the Army and Navy work that way.

We know frozen weapons won't win the war, because the war itself can't be frozen. So we keep our production methods flexible, and whenever battle experience or engineering genius or

mechanical skill suggests a change that will improve our planes, we make the change.

And we go on looking for other improvements. That's why "North American Sets the Pace"—why our planes are selected for such missions as the first raid on Tokyo (North American B-25 bombers) or to bear the brunt of low-altitude fighting over Nazi-held Europe (North American P-51 Mustangs).

We are making these better planes so much faster that we passed our 1942 production quota months ago. But today, as always, the main idea of every North American employee is to make every North American plane the best bomber, fighter or trainer that can possibly be produced *at the moment* it is completed.

You—the taxpayers and Bond-buyers of the

nation—pay for the planes we build. Your sons, brothers, sweethearts and husbands fly them. In those two facts is all the reason we need to continue building the best planes that skilled hands and unfrozen brains can build. When you're through making changes, you're through!

NORTH AMERICAN AVIATION, INC.

INGLEWOOD, CALIFORNIA

Plants in California, Kansas, and Texas

MEMBER, AIRCRAFT WAR PRODUCTION COUNCIL, INC.



BOMBERS



FIGHTERS



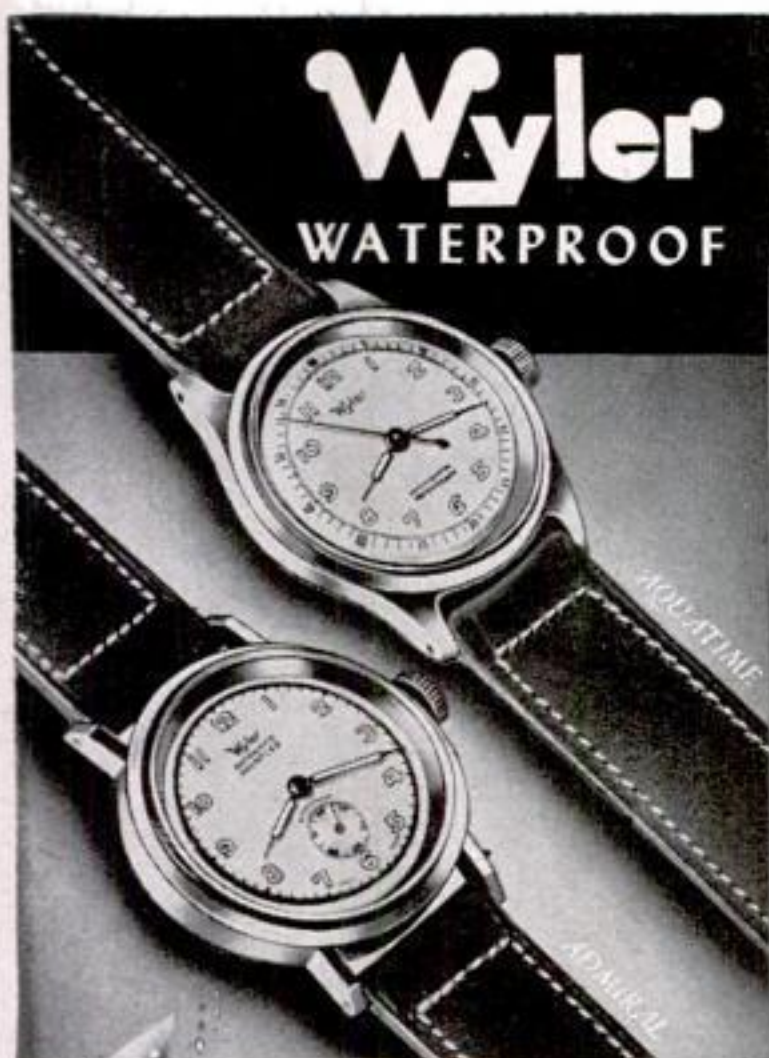
TRAINERS

BONDS BUY BOMBERS! The War Savings Bonds you buy put bombers in the air. Buy Bonds every payday.

Join the Army or Navy Air Force

NORTH AMERICAN

Sets the Pace!



Wyler
WATERPROOF

**FOR MEN IN ACTION
AND MEN OF ACTION**
WYLER'S skilled watchmakers, pioneers in WATERPROOF watch making, from long experience have incorporated these features in every WYLER Waterproof Watch:

- ★ Patented case, 100% WATERPROOF
 - ★ Scientifically tested by submersion
 - ★ Accurate, precision tested movement
 - ★ Rugged construction for hard usage
 - ★ Regulated for all climate conditions
 - ★ Non-magnetic ★ Unbreakable Glass
- WYLER AQUATIME — Waterproof, Anti-Magnetic, Radium Dial and Hands, Stainless Steel Back, 15-jewels. With Sweep second, \$38.75; without, \$34.50. Prices include Federal Tax.
WYLER ADMIRAL—Self-winding, Waterproof, Shock-Resist, Radium Dial and Hands, Stainless Steel Case, 17-jewels. \$59.75. Price includes Federal Tax.

See Your Jeweler or Write For Free Illustrated Booklet
WYLER WATCH AGENCY • 630 FIFTH AVENUE • NEW YORK, N. Y.



SPARKLET
Bulbs

**DO
DOUBLE
DUTY**



Long used by smart hosts to mix better drinks—with the handy Sparklet Syphon—Sparklet bulbs are now used by our armed forces to instantly inflate life belts and vests. Once the life of the party...they are now life savers.

**SPARKLET
BULBS AND SYPHON**

Some dealers still have Sparklet Syphons and bulbs available for home use.



SPARKLET DEVICES, Inc.
DIVISION OF KNAPP-MONARCH CO., SAINT LOUIS

LIFE'S REPORTS

(continued)

tucked up her legs, suddenly became graceful, slim, deadly. Now the thunder of exhausts and props was continuous. In a few minutes the group was airborne and its first squadron was already wheeling in formation.

They swept low over the control building, closing up like wild geese, grouped tight in purposeful flight V's of which U. S. pilots are particularly proud. Then they were gone.

The airdrome settled down to the routine of reports, forms and other administrative work, knocked off for dinner, went back to work. Yet now there was an almost imperceptible tension. The Fortresses should be enroute home. The group commander, haggard from lack of sleep, moved up to the tower. Other officers, grounded for the day because of too much flying, wandered in, immaculate and elaborately at ease.

Reports began to trickle in. The Jerries had made a direct flak hit on one Fortress, torn out one of his engines completely from the wing. He was down safely in the south. The group commander heard it without a flicker and the youngsters lounging in the room seemed to be pretending they didn't hear. Another report: A Flying Fortress, "Chennault's Pappy," had staggered into a southern field with one dead, three wounded. The group commander coolly asked the name of the dead man, was told it was not yet available.

On an outside balcony an enlisted man flung up his hand and pointed to the west. Another trained his binoculars, laid them down, entered the room. "Here come six of 'em, sir," said he to the group commander. The CO nodded acknowledgment, pulled on his overcoat and went outside.

"Where are the rest?" was the obvious question. Nobody asked it. Six B-17's swung over wing to wing, peeled out with the majestic deliberateness of bombers and headed for landing. As they came down each was watched by a man with binoculars. "No damage visible, sir," he told the CO. The group leader nodded silently.

Other B-17's were showing up and finally all were home, some singly, some in formations of three. In landing they flicked

DANGEROUS TO BRUSH FALSE TEETH

WITH MAKESHIFT CLEANERS



TOOTHPASTES, TOOTH POWDERS
AND HOUSEHOLD CLEANSERS
ARE NOT INTENDED FOR
DENTAL PLATES...PLAY SAFE
SOAK THEM IN POLIDENT

Dental plates are much softer than natural teeth. That is why the "fitting ridges" of a denture are worn down by many "makeshift" cleaners.

Instead of cleaning plates properly, "makeshifts" actually scratch the polished surfaces, causing stains to collect faster and cling tighter. Continual use of "makeshifts" may ruin dental plates.



**DO THIS
EVERY DAY!**

Put one capful of POLIDENT in ½ glass of luke warm water. Stir briskly. Place plate or bridge in this solution for 15 minutes, or over night if convenient. Rinse well—and it's ready to use!

No Brushing — No Scouring

PLAY SAFE...USE POLIDENT!

Soaking plates and bridges in Polident dissolves the daily accumulation of cloudy film and ugly stains...dissolves food particles from hard-to-reach places. The purifying action of

Polident maintains the original natural appearance of dentures—without danger of scratching them or wearing down the important fitting ridges.

Soaking in Polident means less handling and therefore less chance of breakage than when old-fashioned brushing methods are used.

POLIDENT IS APPROVED

Polident is recommended by many leading dentists and approved by the leading makers of modern denture materials.

LESS THAN A PENNY A DAY

Generous 3 oz. size—30¢; Economy size, 7 oz.—60¢. At all drug stores. Costs less than a penny a day for regular, safe cleaning of dentures. Your money back if not delighted. Today—get Polident!



**Plate Wearers
Often Worst
Breath Offenders**

The film that collects on plates, bridges, soaks up odors and impurities. This often causes offensive "Denture Breath." You won't know if you have it—but others will! Yet POLIDENT, used regularly, dissolves film—leaves plates odor-free and sweet. Millions call Polident a blessing.



POLIDENT



The Safe Modern Way to Clean Plates and Bridges

CONTINUED ON NEXT PAGE

A KISS FOR KRIS



★
HINT TO
HUSBANDS:
GIVE HER THE
GIFT THAT
MAKES
ENTERTAINING
Easy

She will Love these beautiful HASKO TRAYS

and she'll love you for giving them to her. Hasko Trays are the ideal answer to an age-old question—"What shall I get her for Christmas?"

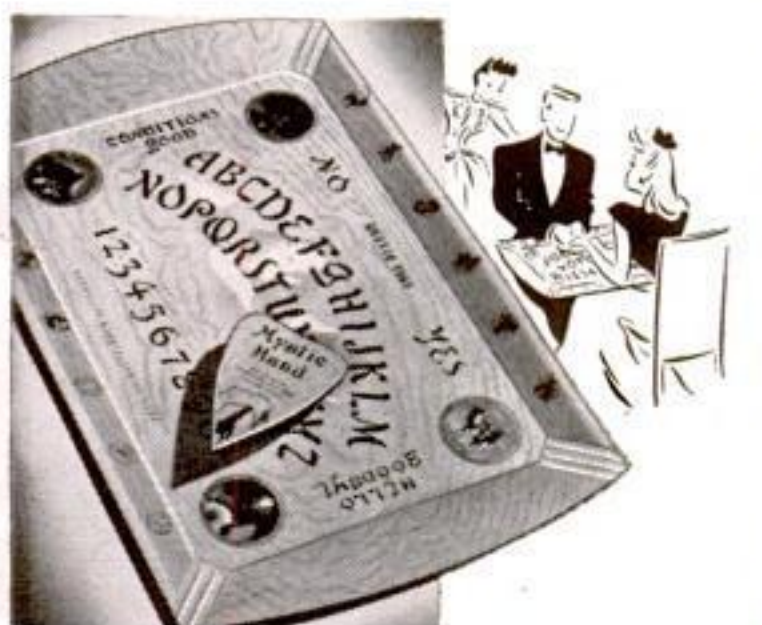
Look at these beautiful new "Flying Duck" Trays at the left. Can't you just see her eyes sparkle when she unwraps 'em? "Just what I wanted"—she'll say. Yes—and just what she needs—now that large dinners, lots of linen and maid service are things of the past.

...and if you want an extra kiss on Christmas Morn, PLUS a whole of a lot of fun all year 'round, the fascinating new Hasko Mystic Tray will turn the trick. It's a new combination game and tray that spells out answers to your questions about the future. She'll treasure it—you'll enjoy it and your next party will be the talk of all your crowd. SMART? Say—that's not the word for it. It's downright SUPER!

So—be smart, men!—Don't pass up another gift counter without seeing these new HASKO TRAYS-ures! They're beauties—everyone of them! They make entertaining so easy—so much fun... Hasko Trays are made of fine selected wood, elegantly surfaced with fine lithographed paper, and molded under heat. Light? Yes—and oh, so strong! Remember—There's a HASKO TRAY for every occasion; trays for canapes, cocktails, bridge or tea; sandwich and serving trays too! So, do see them!—at your favorite department store or gift shop.



Hasko "Flying Duck" Trays (above)
(size, 7½" x 16")
Hasko Mystic Tray (below)
(size, 16" x 25")



★ Ask to see HASKELITE PLY-WOOD TRAYS also, in genuine walnut, mahogany and mottled oak. Be sure to look for the name HASKO or HASKELITE on the back of each tray. Only the genuine bears this trade-mark.

HASKELITE MANUFACTURING CORP., CHICAGO, ILLINOIS
hasko TRAYS AND ACCESSORIES

LIFE'S REPORTS

(continued)

past close by, the pilots sitting up straight in their seats, waist gunners peering from gun posts, tail gunners beating cold hands.

On the ground the B-17's looked tired and out of their element as they picked their way to dispersal stations, their transparent noses scowling to the ground crews. The flight crews climbed out, began directions for servicing. There were grins all around yet no shouting, no yarns. Tomorrow was another day. It was already time to prepare for it.

Trucks pulled up and combat crews climbed in, their Mac Wests a bright yellow in the gloom under the tarpaulin top. None looked relieved nor stimulated by the good mission, none bored nor frightened. This was a veteran and prideful group. It had developed a mass poker face.

In the mess hall there were coffee and sandwiches. Crews clotted together, officers and men sitting in the same groups. The room hummed with quiet discussion of the raid and now and again a pilot would set down his coffee and use his hands for a demonstration of the flying done that day.

Intelligence officers were waiting. The crews trooped into the rooms, sat down and began to answer questions. One crew, fairly typical, was a group of small-town Southerners except for the Brooklyn navigator whose clipped speech and sprouting mustache were in odd contrast to the smooth faces, long jaws and drawls of his mates.

All the crew joined in answers to questions and there was no ceremony for rank. Toward the end the captain, having finished

CONTINUED ON PAGE 22



GROUND CREW BOMBS UP FORTRESS



It's a Family Tradition

The years have come... the years have gone, and life has had its moments... occasions which stand out in our memories in as sparkling contrast as new fallen snow against the pines. And through the years it has become a family tradition to make these moments even brighter with a toast in Great Western Champagne... a toast that both reflects the highlighted sparkle of that moment and holds a gracious promise of all the happy hours to come.

Great Western
DINNER FOR EIGHT
WINE ASSORTMENT



Send for free "Dinner for Eight" Recipe Book

FOR LIFE'S SPARKLING MOMENTS

Great Western
WINES—SINCE 1860

PLEASANT VALLEY WINE CO., RHEIMS, N.Y.

HE FOUND A BETTER WAY

IN 63 B.C. MARCUS TULLIUS TIRO INVENTED A SYSTEM OF SHORTHAND USED IN THE ROMAN SENATE—AND CREATED A BETTER WAY OF RECORDING SPEECH.



THE BETTER WAY TO TREAT CONSTIPATION DUE TO LACK OF PROPER "BULK" IN THE DIET IS TO CORRECT THE CAUSE OF THE TROUBLE WITH A DELICIOUS CEREAL, KELLOGG'S ALL-BRAN. EAT IT EVERY DAY AND DRINK PLENTY OF WATER.



Unsung Hero number one

CALL him that to his face and he'd say "Nuts!"

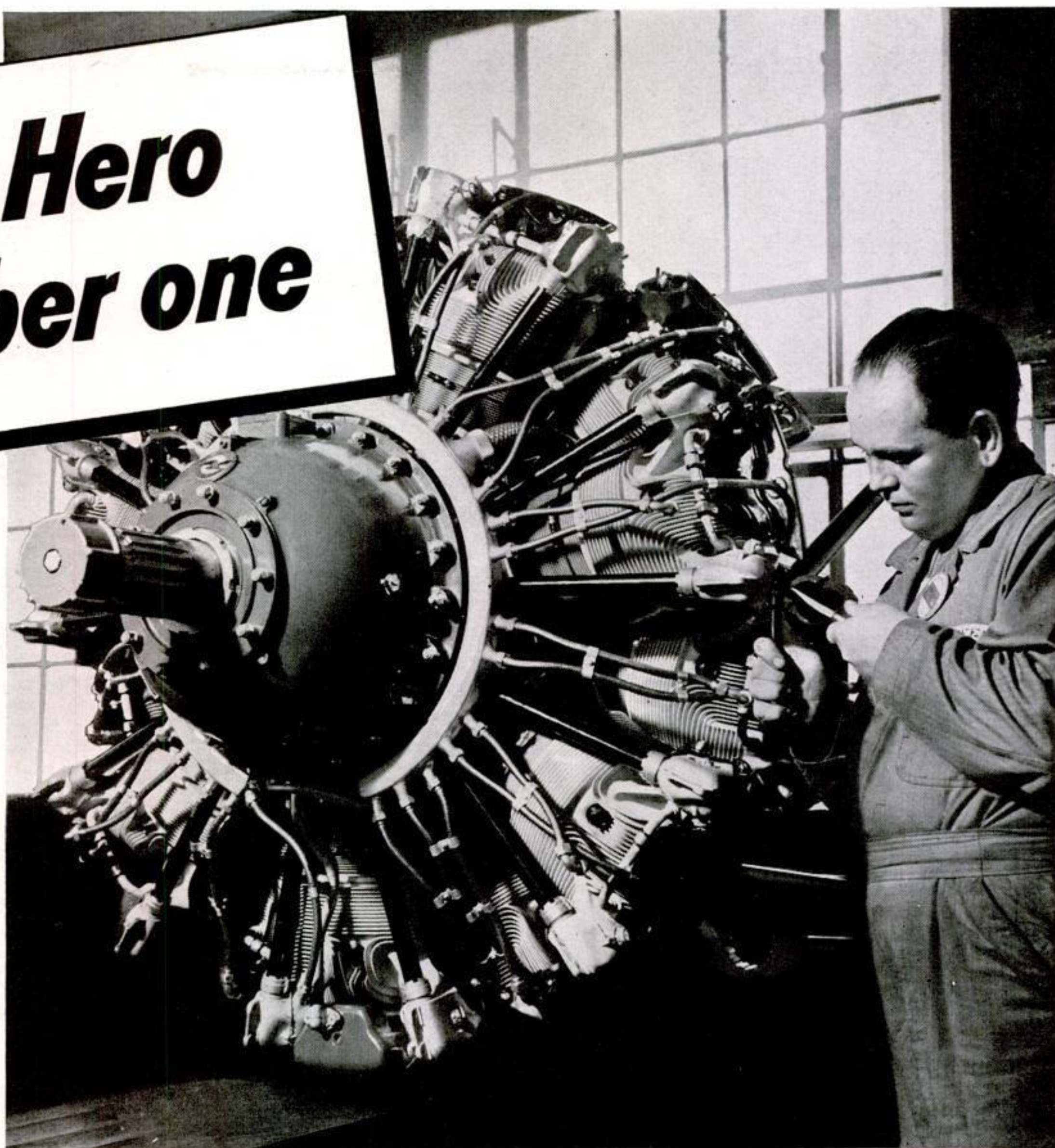
Just the same, this earnest fellow, armed with nothing more deadly than a kit of service tools, is doing a plenty good job of throwing monkey wrenches into enemy plans.

We ought to know, because one of Buick's many war jobs* is training soldiers to service Buick-built Pratt & Whitney aircraft engines.

Ever since May we've been watching these intent young Americans march into our special school for mechanics at the rate of 50 a week.

Ever since May, we've been steering them through a tough, eleven-week course that has been singled out for official commendation as the most outstanding school of its district by reason of its 94.3% efficiency rating.

We're turning them back to the Air Corps in a steady flow now—trained, keen and able mechanics who know how to keep engines turning up their peak power for any air-borne task that comes along.



These men-with-the-wrench are going to have a hand in a lot of air battles.

Their skill is going to help bring many a victory, get many an air mission to its target on schedule — and back.

You can well lift your hats to them, fellow citizens.

They're good, clean, earnest, intelligent American kids who are working

like blazes at a job with little respite and less hope for glory.

We know. We've met a lot of them—and we're proud to have known every single one.

*PRODUCTION NOTE: You'll be glad to know we are meeting schedules on every one of our war assignments: Pratt & Whitney engines for bombers, steel shell casings for our busy guns, vital parts for tanks, and so on and so on.

war goods
WHEN BETTER AUTOMOBILES ARE BUILT
BUICK WILL BUILD THEM



BUICK DIVISION OF **GENERAL MOTORS**



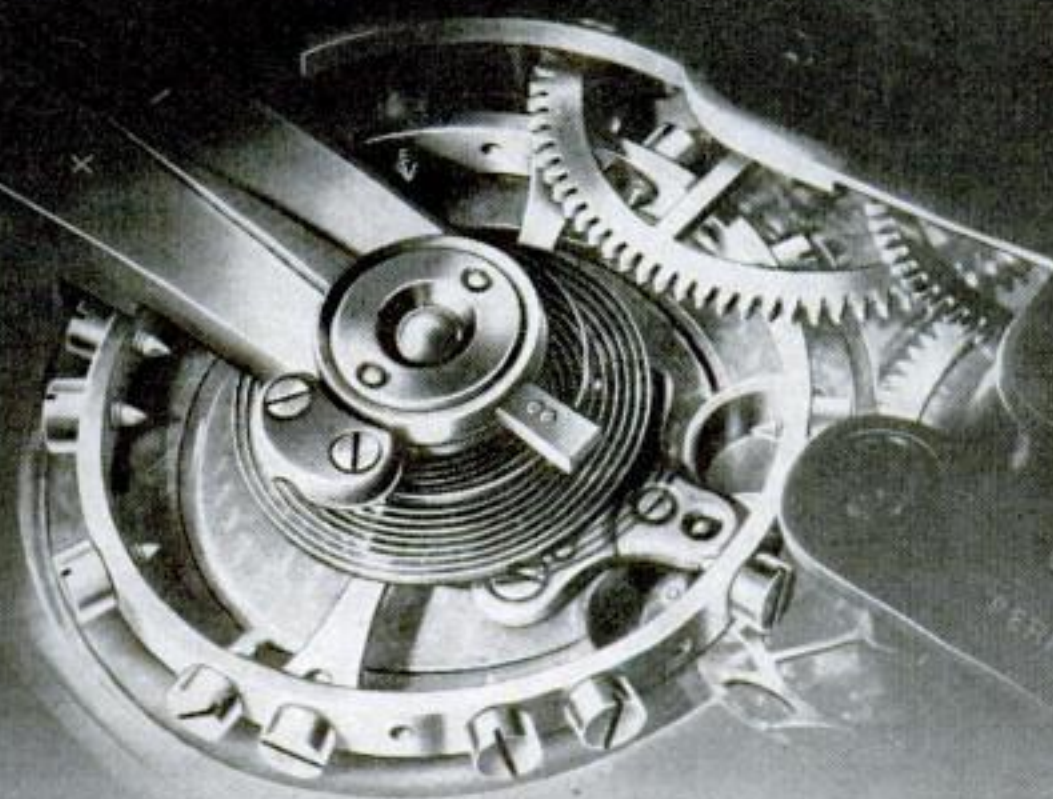
Distinguished for Beauty



The styles illustrated are representative of the beauty and character of all Girard-Perregaux watches. Many other distinguished models await your inspection at leading jewelers. In 17 jewels . . . from \$35.00.



Famed for Precision



The 150-year old record for accurate timekeeping of the Girard-Perregaux watch is the result of the precision and skill with which each of its 175 parts is made and assembled. The most intricate unit is the balance of the watch which you see illustrated here. This delicate mechanism makes 432,000 tick-tock turns a day, day after day, year after year, without a pause. If you want to know more about the "inside" story of a timepiece, write for a copy of "What's in a Fine Watch?"

GIRARD-PERREGAUX
Fine Watches since 1791

GIRARD-PERREGAUX • DEPT. L-43 • ROCKEFELLER CENTER • NEW YORK

LIFE'S REPORTS

(continued)

his sandwich, leaned back, loosened his jacket and began abstractedly to pick at his front teeth with his index fingernail. His replies became brief for the story had been almost told.

"Any instances of bravery to report or unusual skill?" asked the intelligence officer. "No, sir."

"Any remarks?" The captain went on picking his teeth, looked around the room at the crew that had fought its way home at tree-top height after the raid, knocked down one Focke-Wulf 190, seen a couple of machine-gun slugs rip through their ship. All eyes settled on the young gunner and he grinned.

"Well, sir," said he, "the French are still on our side—they waved at us all the way home."

Everybody grinned. The crew trooped off to their quarters for baths and clean uniforms. The intelligence officer went off to gear his report with other interrogators.

By supper that night the mission for the next day was in. Crewmen drank light in the bar or did not drink at all. The conversation at the supper table was of flying and decorations, in which all professionalized soldiers are profoundly interested, and of women—wives left behind and girls met in England. By 11 o'clock clubs and messes were deserted. In one barracks, armorers, finished with preparation for the next day, played shilling-limit poker and ribbed a Brooklyn boy for his accent and for the Dodgers.

But on the field men were working. Ground crews had a night ahead, patching the damage, bombing up, tuning engines, hydraulic gear and all other things on which the combat crew's life hangs. Some of them were still there when the sun came up again. Others had grabbed a hatful of sleep and were "sweating it out" with the ships when the crews climbed aboard.

The B-17's spat, sputtered, roared in the mist. The first ship waddled out and others followed with the clumsy grace of trained elephants. The green light winked and the first ship sped down the runway. Another wheeled into the take-off position. It was another day.

REFRESHING

and

Good for You!



5¢

FOUNTAIN
FAVORITE
for YEARS

WHICH?

YOU CHOOSE!



Some Teeth Are Naturally
Hard to Bryten

THEREFORE NO. 2

. . . in the big BLUE can or tube—especially created by a Dentist to clean hard-to-bryten teeth.

IODENT NO. 1, in the big RED can or tube, is ideal for teeth easy to bryten.

Enjoy the real satisfaction of a truly fine dentifrice—choose the IODENT for your teeth.



FOR TEETH
EASY TO BRYTEN

IODENT
TOOTH
PASTE
POWDER



FOR TEETH
HARD TO BRYTEN



A YEAR AGO, when charming Mrs. Muriel F----*, of New York City, decided to get a Sonotone, she made two altogether unexpected discoveries. First, she was amazed to see how much she had been missing in her daily life. Several years ago she had noticed that she was missing bits of conversation, but she thought nothing of it, and never realized, until she got her Sonotone, how much her neglected difficulty in hearing had led her to dodge people, give up social activities, find excuses to refuse invitations and in general, "slip into the background".

But Mrs. F---- was even more startled and intrigued to find that improved hearing brought with it a vibrant change in her facial expression, carriage, poise and chic. As a fashion writer for women's magazines, she knew the fashionable woman's attitude towards a hearing aid . . . her unreasoning fear that it would spoil her figure and glamor. But now, from her own experience, Mrs. F---- saw that *not* wearing a hearing aid, when you need one, is what really spoils a woman's beauty . . . because the strain of trying so hard to hear, the nerve-racking tension, the narrowing sense of isolation all take a deadly toll of feminine charm.

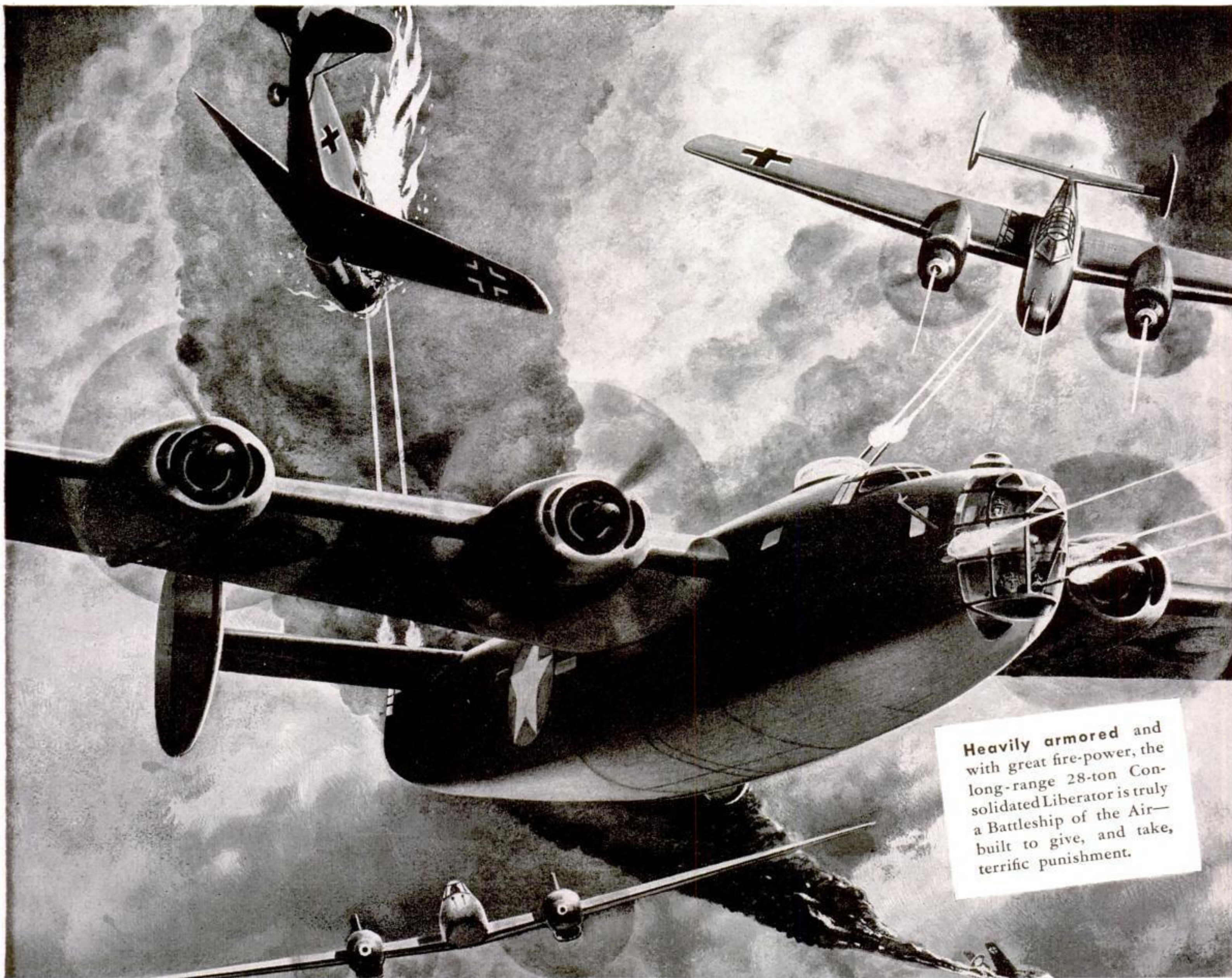
Today, Mrs. F----'s life is normal. A stranger wouldn't know she wears a Sonotone. And you have only to look at George Karger's photograph of Mrs. F---- serving at an A.W.V.S. mobile kitchen during New York's "scrap drive" to know that here is no "*slipping into the background*", but a chic, jaunty, vivacious, very-much-alive young woman who leads a busy, unhampered life, giving every waking minute to war work in the American Women's Voluntary Services. Today, every American must have his or her hearing at full war strength. If you have the slightest suspicion of hearing trouble, see your doctor, and then, if you need an audicle, 'phone the nearest Sonotone office.

*Name omitted in accordance with medical principles

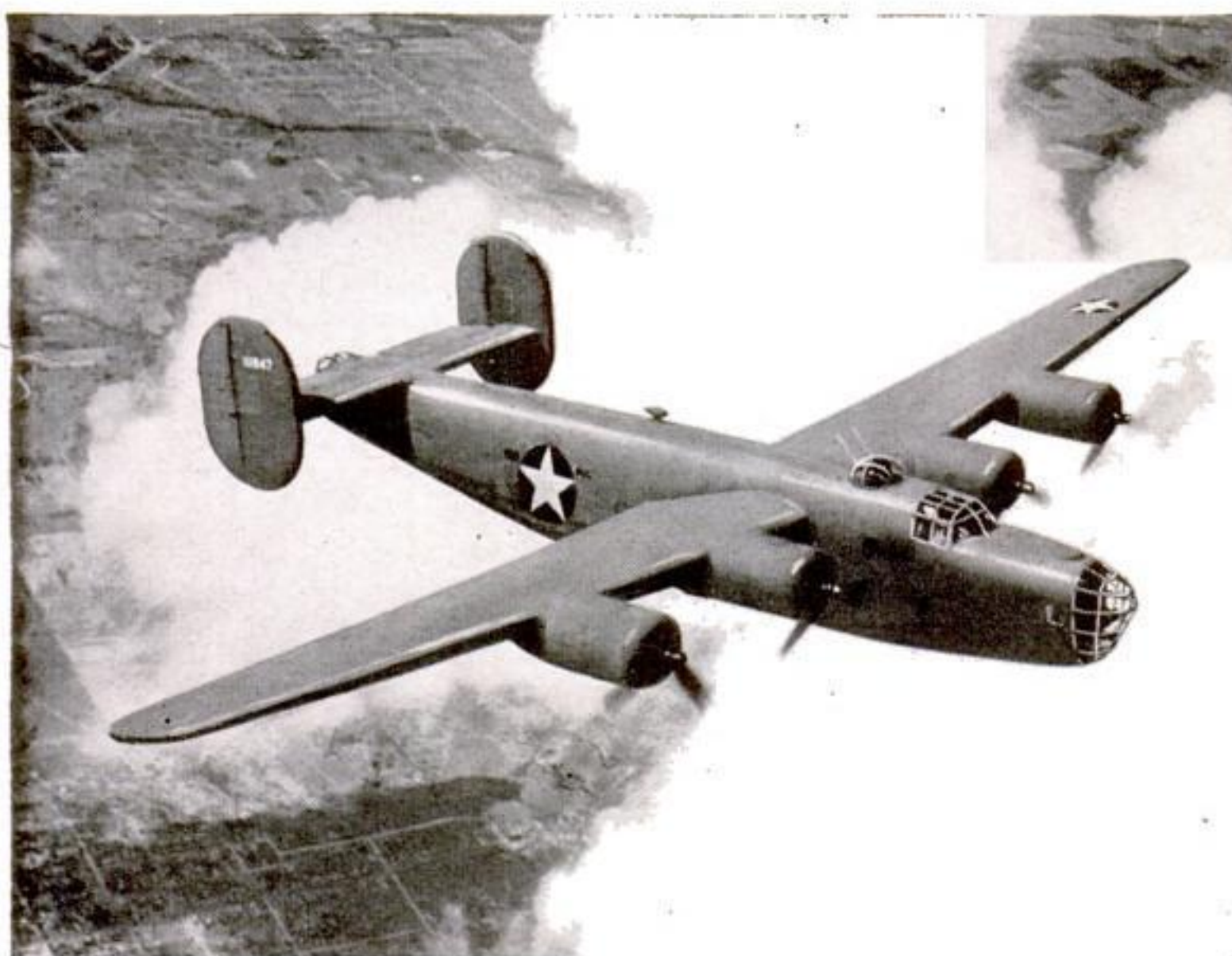


For information on Sonotone, look in your local 'phone book under SONOTONE for the address of the nearest of Sonotone's 139 offices. Or write Sonotone Corporation, Elmsford, N. Y. In Canada, write 229 Yonge Street, Toronto.

© 1942, Sonotone Corp.



Heavily armored and with great fire-power, the long-range 28-ton Consolidated Liberator is truly a Battleship of the Air—built to give, and take, terrific punishment.



New proof comes in every day of the ruggedness of the Consolidated Liberator. Combat pilots say this is a bomber they don't have to pamper. Reports tell of Liberators engaging in precision daylight bombing without fighter escorts . . . power-diving to elude enemy planes . . . coming home safely with wings and control surfaces bullet-riddled.



Big as a freight car, the Consolidated mass-production PB2Y flying boat—the Coronado — carries tons of freight, can fly thousands of miles. The famous Navy PBY flying boat—the Catalina—also is a Consolidated plane. Both these long-range planes are coming off our assembly lines in San Diego. The Catalina is also being built in Canada, by Boeing and Vickers.

"... AND THEY'RE HARD TO KNOCK DOWN!"

The Axis long ago discovered a military secret about Uncle Sam's big long-range bombers.

It is this: *They are hard to knock down!*

Time and again, Focke-Wulf or Zero fighters have pounced on some lone American bomber, blazing away till their ammunition was exhausted . . . only to see it fly on to safety.

Overseas communiques, reporting flights of American bombers over Axis objectives—in many cases without fighter escorts—often end with the welcome words: "All our planes returned safely to their bases."

Welcome words to all of us. Especially to the families of the boys who man these bombers . . . and to the thousands of U. S. aircraft workers who built them.

One of the long-range American 4-engine bombers often mentioned in these overseas dispatches is the Consolidated B-24—the Liberator.

Liberators in name and fact

While you are reading this, increasing numbers of Liberators are winging their way to deliver blows at the Axis, bringing hope and courage to oppressed nations. And additional Liberators, converted into cargo ships and transports, are flying a substantial share of America's air-borne freight.

So that even more of these giant bombers and cargo planes can join those already in action, Consolidated's thousands of loyal workers—at our plants on the West Coast and in Texas—have stepped up production schedules to a point once thought impossible.

The Liberator was designed and developed by Consolidated. We've been turning her out by mass-production methods—on moving assembly lines that operate 24 hours a day—beginning back when others were doubtful that it could be done.

Teaming up for Victory

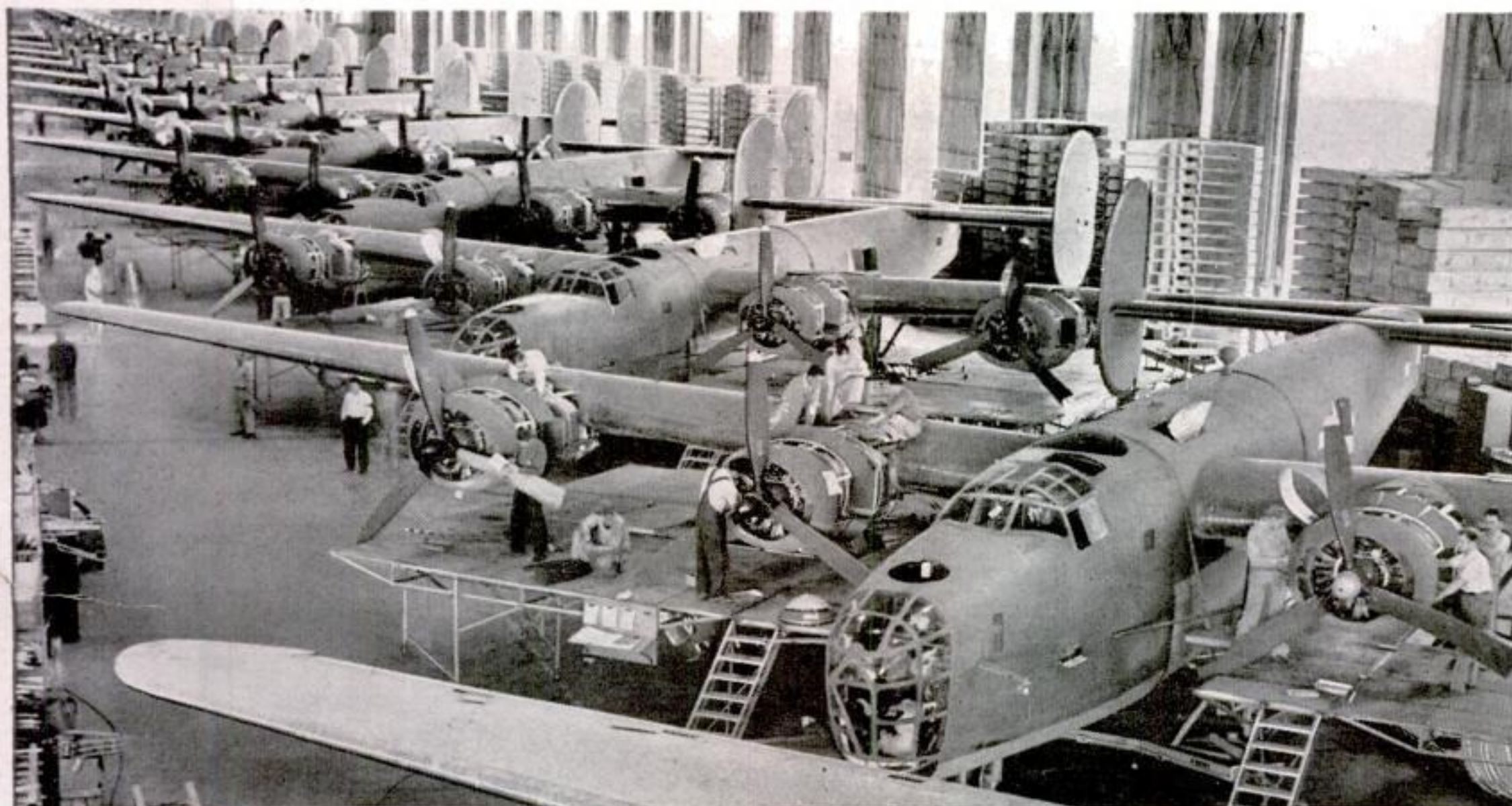
But we know this war can be won only by *sharing* the good ideas. So we've turned the blueprints for the Liberator over to other manufacturers. New swarms of Consolidated Liberators—built by Ford, Douglas, and North American—will be joining those now in the skies.

For it doesn't matter *who* builds the Liberator. The important thing is *how many* can be built—*today and tomorrow*.

Consolidated Aircraft Corp., San Diego, Calif. Member, Aircraft War Production Council, Inc.

CONSOLIDATED* builds Battleships of the Air

***Originator of the LIBERATOR . . . CORONADO . . . CATALINA**

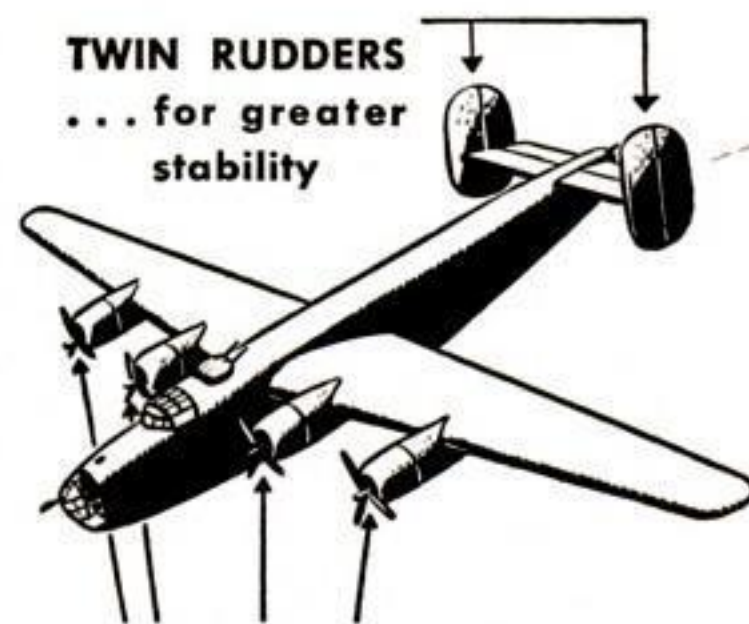


Consolidated designed and developed the Liberator B-24 bomber—was the first to build heavy bombers by mass-production methods on a moving assembly line. The Liberator—America's largest bomber in action against the enemy—carries a multi-ton bomb

load at tremendous speed, has a trans-oceanic flying range. To hasten an Allied Victory, Ford, Douglas, and North American are teaming up with us to build the Liberator . . . for one bomber in the air today is worth three in the air a year from now!

How to spot the LIBERATOR (B-24)

TWIN RUDDERS
... for greater stability



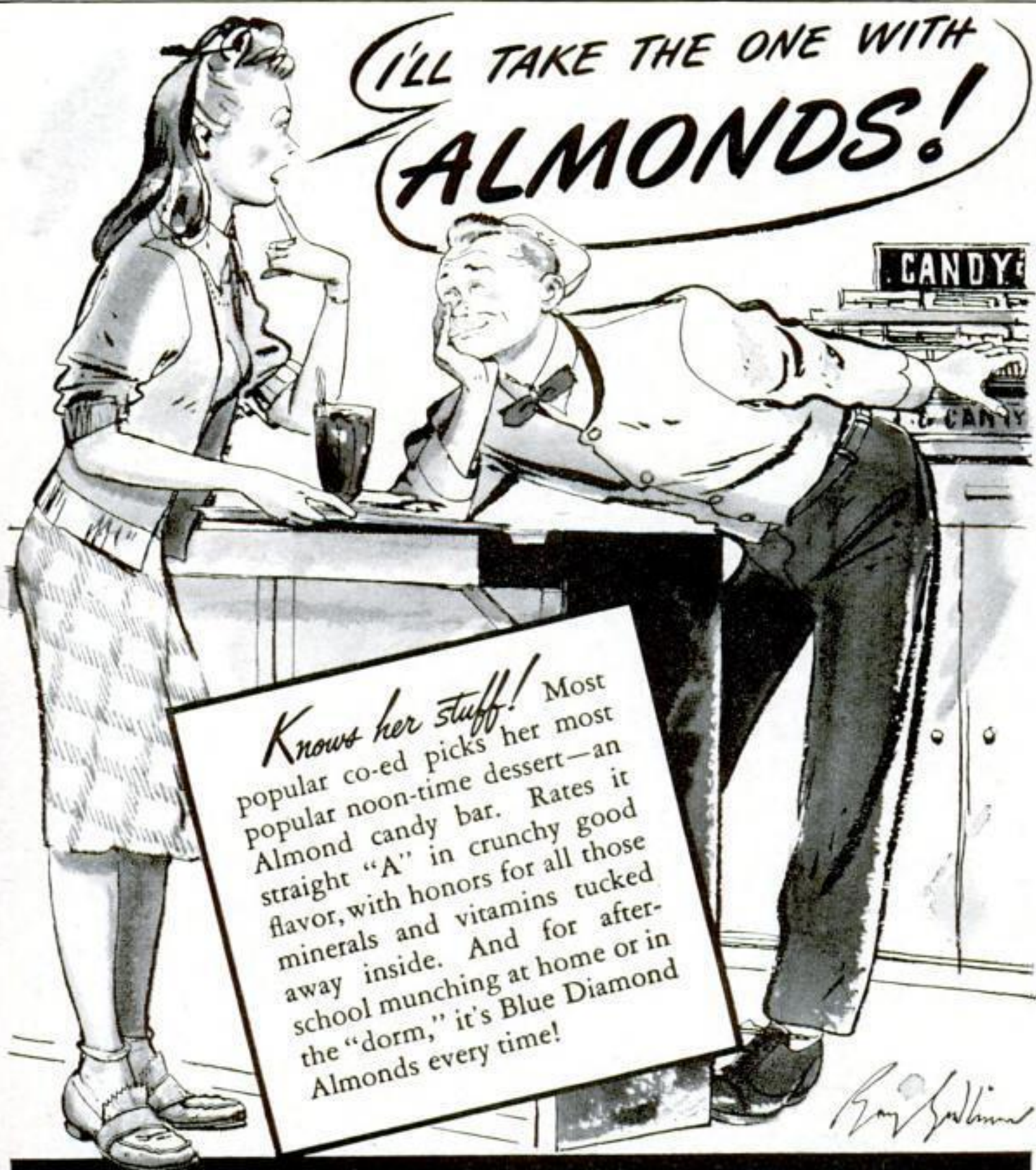
FOUR ENGINES... for dependability, range, and speed



TRICYCLE LANDING GEAR... for safer take-offs and landings



Sprucing up to go out or getting set to relax, get together with Goebel. Its good taste clicks everywhere. Better make tonight your night to try Goebel Beer. Goebel Brewing Co., Detroit, Mich.
Michigan's *National* Beer • Right From The Cypress Casks of Goebel



ALMOND CANDIES
"A favorite in every eatery"

LIFE'S COVER



The handsome, clean-cut young Marine on the cover is the foremost American ace of this war. As a squadron commander in the Solomons, Major John L. Smith shot down 19 Jap planes in 54 days. The story of Smith and Marine Fighting Squadron 223 will be found on pp. 120-130.

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*With the armed forces

†Prisoner of war

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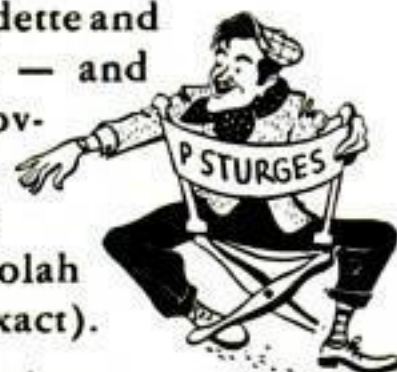
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PARAMOUNT'S
✓ **"THE PALM BEACH STORY"**
starring **CLAUDETTE COLBERT**
and **JOEL MCCREA**



It seems that Claudette and Joel are married — and broke. Being a lovable character, Claudette decides to raise a little moolah (\$99,000 to be exact).



So she starts chasing a millionaire. That's Rudy Vallee. And that's a riot. Then Joel starts chasing Claudette who's chasing Rudy. Which is fine until Mary Astor starts chasing Joel.

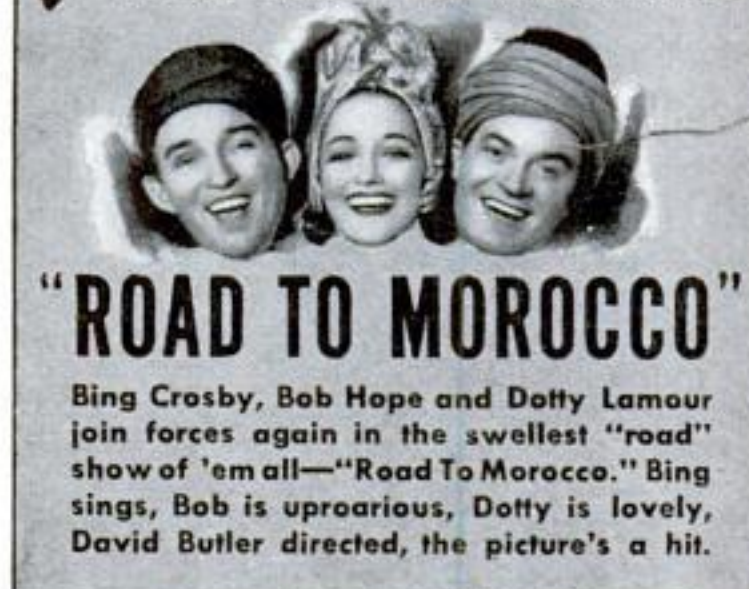


And there's The Ale and Quail Club—ten drips in the chips on a trip. They like a good chase, too. They bring bloodhounds.

Preston Sturges wrote and directed "The Palm Beach Story"—just as he did with "Great McGinty" and "Lady Eve." That's all, brother.

That should be enough, brother.

✓ ALSO ON YOUR CHECK LIST AS A "MUST-SEE": Paramount's



Ask your theatre manager when these Paramount Hits are coming.



Never made a pipe

SLUG-NUTTY



Why be a hold-out? Make a date with **Model** and know what a joy smoking can be. After each pipeload of **Model**, all you've got left is a speck of clean, dry ashes — and a heap o' contentment.

Pack in those fragrant **Model** morsels of choice and mellow leaf — lay a friendly flame across the top — sit back and whuff-in that mild, good-tasting, trouble-chasing smoke.



Maybe you get less chance to smoke these war-busy days — so when you do get a chance — make that smoke a good one. That's another way of saying — "Make a date with **Model**."

How's about it? Make a date with **MODEL'S "GAY NINETIES REVUE"** — CBS—COAST-TO-COAST EVERY MONDAY NIGHT



WHO'S YOUR FAVORITE MODEL?

Check your choice of the ten models shown below and send her name with your own name and address on a post card to: United States Tobacco Company, 630 Fifth Avenue, New York City, N. Y. We'll send you a gorgeous 8 x 10 full-color print suitable as a pin-up or for framing — absolutely free.



Did you say 10¢?

Make a date with MODEL

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38 Styles to Make a Man Smile... (give Wembley Nor-East Ties...they're *Non-Crush!*)



Wembley Ties

MADE OF PRIESTLEY'S NOR-EAST NON-CRUSH FABRIC

Here's Why They're America's Favorite Ties:

The Nor-East Non-Crush Fabric has made Wembley Ties the most popular in the nation. This imported cloth is amazingly resilient. Wrinkles disappear! The Wembley Nor-East Ties you give HIM will make a smart dimpled knot, time after time. Wembley, Inc., New Orleans, world's largest neckwear manufacturers.



CRUSH IT!



TWIST IT!



KNOT IT!



NOT A WRINKLE!

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LIFE'S PICTURES

George Karger has been taking pictures for LIFE since it started. In 1930 he gave up a promising banking career to devote himself professionally to photography. He has bright blue eyes which twinkle, especially when George is indulging in his favorite hobby, magic. He spends his spare time exhibiting new tricks and teaching them to friends. In this issue he photographed *Desperate Dorothy* (pp. 132-139) and the Copacabana Girls (pp. 84-90).

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150—T. LEO D. HARRIS
152—T. HUBERT WILMOT

ABBREVIATIONS: BOT., BOTTOM; CEN., CENTER; EXC., EXCEPT; RT., RIGHT; T., TOP; A. P., ASSOCIATED PRESS; INT., INTERNATIONAL

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How to make it last



Never before have there been so many new "recruits" in offices.

As the boys go off to war or to war production, the girls come in to take over, with a smile on their lips and determination in their hearts to make good on the job.

Never before has it been so important to instruct these new recruits in handling and taking care of their weapons—the office appliances now almost impossible to replace.

On this page are some suggestions for taking care of the Mimeograph duplicator and making this indispensable office machine last longer. These suggestions are taken from a new booklet containing valuable information not only on Mimeograph equipment but on other appliances and office supplies as well. Phone the Mimeograph distributor in your community for free copies—or write to A. B. DICK COMPANY, Chicago.



Before you start to type a Mimeograph stencil, make sure the type of your typewriter is spick-and-span, so each letter will make a perfect impression. Then type carefully—to save stencils.



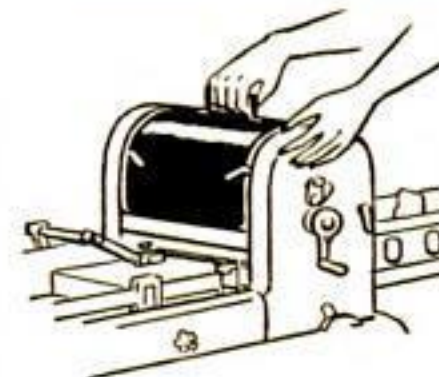
Mistakes will happen—even with the flying fingers of the most expert typist. Don't let it throw you. Just learn to make good corrections on the stencil. It's easy—and it saves plenty of the company's time and money.



When a radio program comes out to the split second, the director signals his cast by placing his finger on his nose. Remember this signal when you order your Mimeograph copies. Order exact number needed to save paper, ink, and running time.



If you're in charge of Mimeograph equipment, make your motto, "Keep it clean!" Wipe away dust every morning. Keep machine properly oiled to prevent friction.



Cover the machine when it is not in use—and be sure it has been "put to bed" when you leave the office at night.

Perhaps the rubber plant at grandmother's isn't priceless—but the rubber parts of the Mimeograph duplicator are difficult to replace. Take care of them—give them a bath with soap and water occasionally.



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Mimeograph duplicator

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BRITISH ADVANCING ACROSS EGYPTIAN DESERT STEP OVER LITTERED BODIES OF STRICKEN GERMAN AFRIKA KORPS AND PASS A SMASHED GERMAN MARK 3 MEDIUM TANK

THE ALLIES LAUNCH WORLD OFFENSIVE

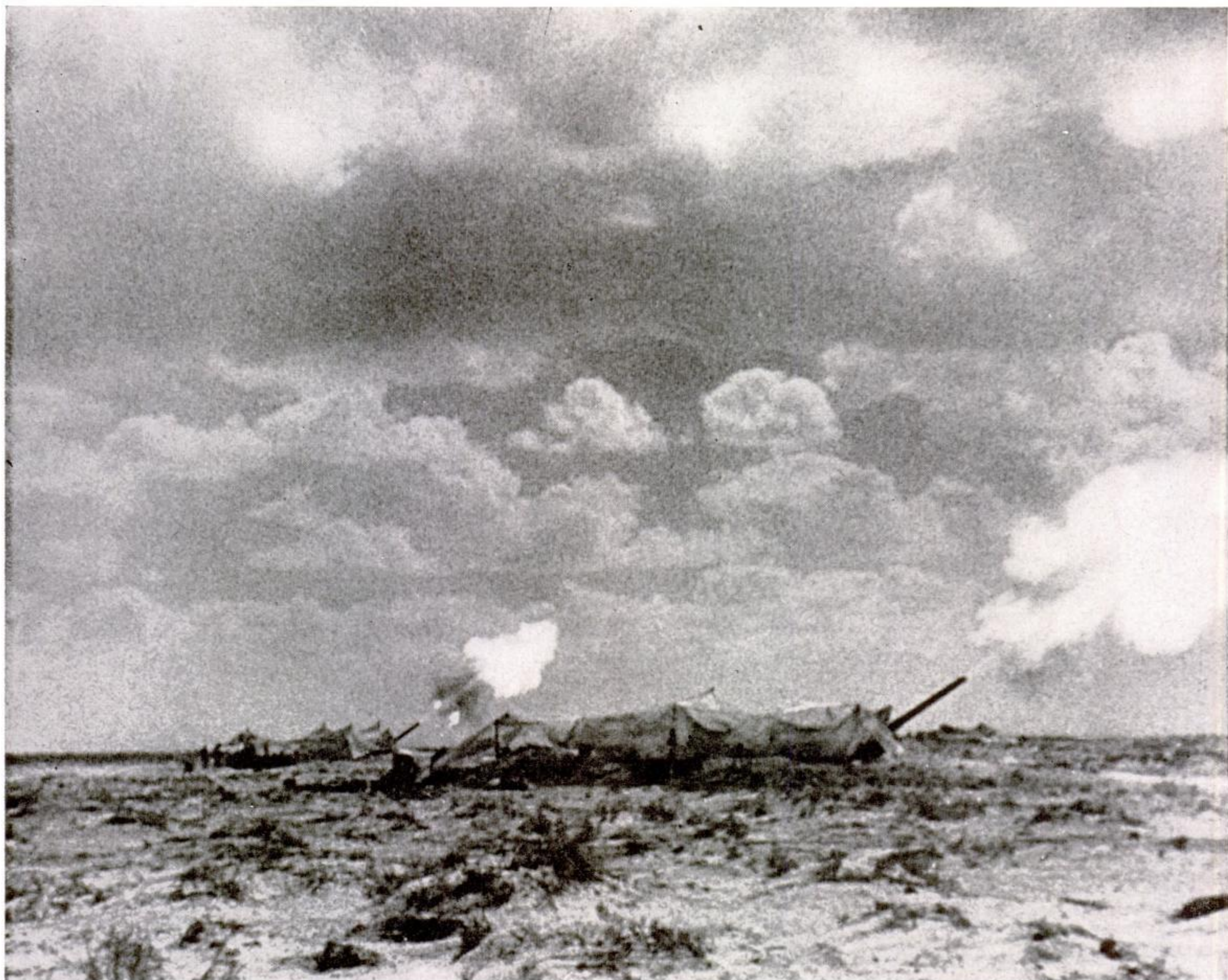
In two breathtaking months, Hitler's opinion of the "military idiocy" of his enemies must have undergone cruel revision. On every world front, except China, the armies of Germany and its allies were in retreat last week. Some of this was the usual ebb of modern warfare, but most of it was pure painful surprise to Hitler. The British Eighth Army, stepping over German dead (*above*), had gone 800 miles across Egypt and Libya in a month, in the fastest advance since the days of Genghis Khan. The British First Army, with American and French units, had closed the trap on a pickup German division trying to hold Tunis and Bizerte in Tunisia. The Russian armies

had launched their annual December rampage earlier and more powerfully than usual (*see pp. 38-39*). The German Propaganda Ministry was frantically recalling copies of its four-month-old movie called *The Victory in Africa* and the number of captive Italian generals had reached 80. The total of German dead in this war, on the basis of a sort of Gallup poll in a few German towns, was estimated to have reached the World War I total of 1,750,000.

Emphatically, the German Army of 1942 was not behaving like the German Army of 1939, 1940 and 1941. True, its enemies had vastly improved and would go on improving. But something seemed wrong

also with the German Army itself. Under Hitler it had made too many mistakes. It had been too clever. A final cleverness was Hitler's nervous attempt last week to grab the French Fleet which resulted, according to Vichy reports, in the scuttling of all 62 warships in Toulon harbor, right in Hitler's teeth.

The Allies were singing on their way to the fronts. The Russians sang, *Let's Have a Smoke*. The British sang, *There'll Always Be An England*. The Americans sang, *Praise the Lord*. Graves of German dead were no longer marked, "He died for Hitler," but now "He died for Germany." Some of the fields where those Germans died are shown on the following pages.



First stage of British offensive at El Alamein Oct. 23 was an artillery barrage that for sheer concentrated laying down of hot metal surpassed any British barrage in World War I. Masses of these 4.5-inch howitzers threw out 55-lb. shells; other 3.5-inch guns threw out 25-lb. shells,

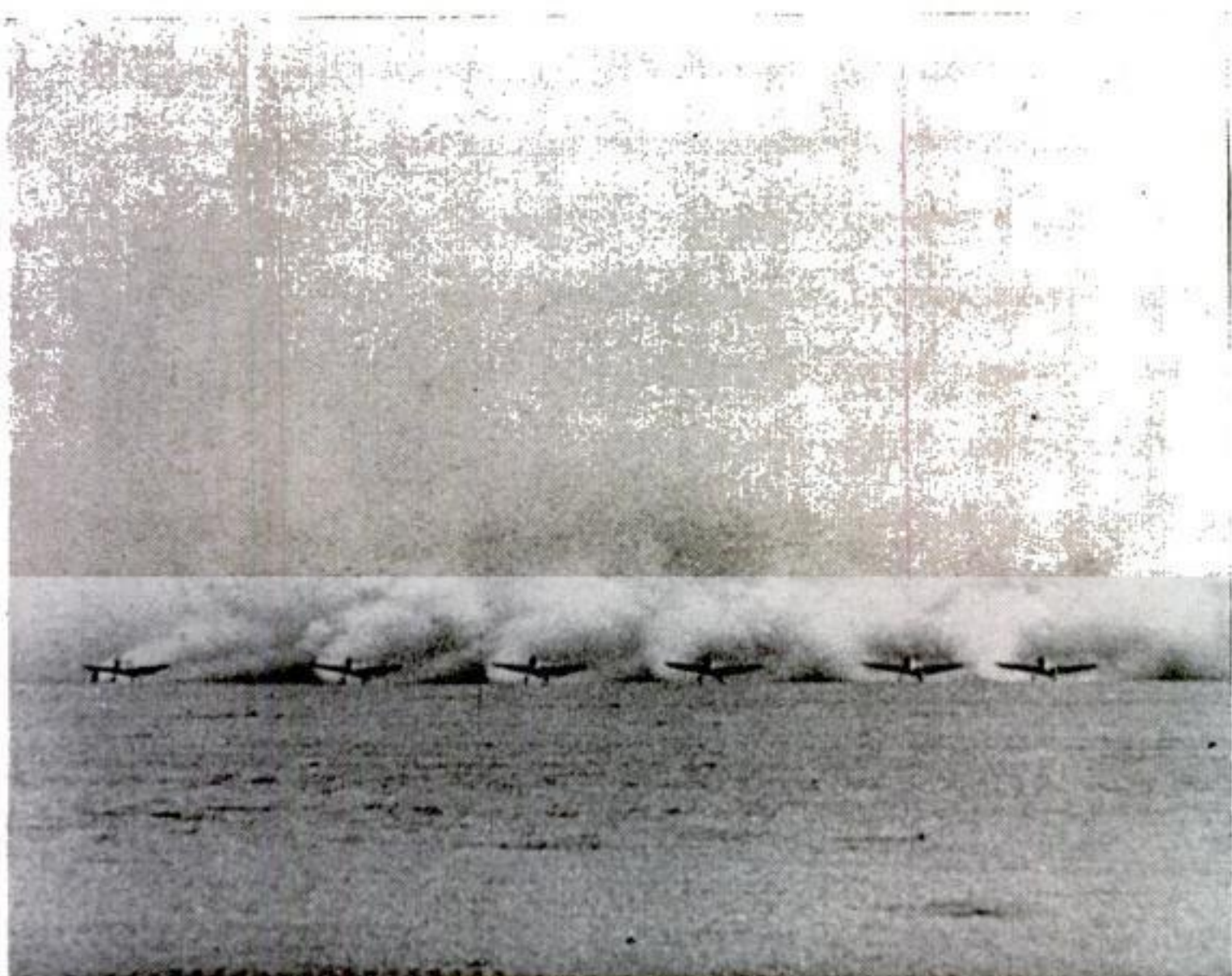
bigger than the standard shell of World War I. The camouflage is to conceal not the gun but the type and number of guns. Until they opened up, German reconnaissance planes might have reported them as dummy guns, which both sides strewed liberally over the desert battlefield.



Multiple gun flashes pocked the whole British horizon at El Alamein on the first night of the offensive, like a formidable carnival of fireflies. After the flash comes the approaching hurricane sound of the shell going overhead, then at last the slow-moving sound of the gun explosion.



British light howitzer blazes away at night, with a fine stack of shells piled in the foreground. The great advantage of this gun is that it is the most mobile in the world, was later ideal for chasing Marshal Rommel across 800 miles of Africa and pounding him whenever he delayed.



In haste of battle, a whole squadron of fighter planes takes off in formation at once. There is none of the careful peacetime business of going away one at a time, to avoid accidents. Pilots were coming in and out all day, for fresh fuel and ammunition, then getting back in the fight.



American bombers, B-25 Mitchells, drop cascades of bombs on Rommel's tanks and troops. This is pretty area bombing from about 10,000 ft. Planes did not win the Battle of Egypt but they multiplied Erwin Rommel's defeat, for the British won and kept complete air superiority.



"The queen of battles," the infantry, comes up, supported by tanks in the background. These men are in support of advance troops. Others have gone ahead with tanks (*notice tracks*). Much better trained than in the early stages of this war, they are well deployed and the succeeding

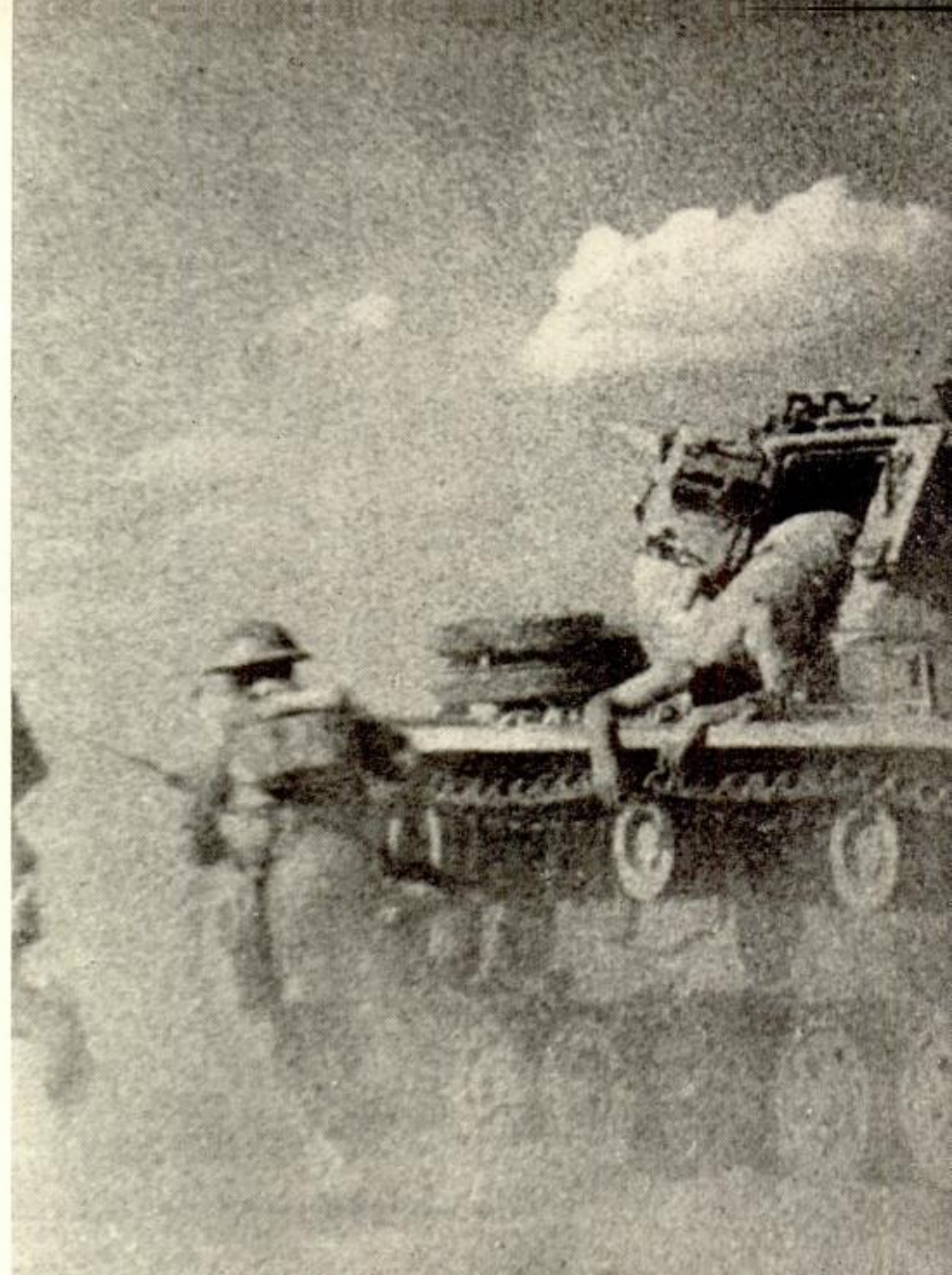
waves are well-spaced against shellfire and long-range machine guns. They carry Lee-Enfield rifles with fixed bayonets and some Bren guns. If the advance is held up they will swing to the flank and box the Germans, or punch on through. The British are getting better on the offensive.



British, who for some reason have not heard screaming approach of the shell, duck (*above*) at apparent explosion of shell ahead. Anything this close to them would fill them all full of high-explosive fragments.



Flattening, they reach hastily for the ground, trying not to knock themselves out on their own rifles, as something else blows up (*below, left*) at same close range. Photographer's camera is jarred by explosion.



GERMAN TURRET GUNNER'S BODY HANGS OUT OF THE GERMAN M-3, THE SAME

THE BRITISH EIGHTH ARMY HARRIES

The British Eighth Army was of a size and efficiency that staggered correspondents. Tens of thousands of vehicles moving bumper to bumper, in convoys of 30 or 40, each painted brown and yellow and named with the same initial letter, pressed Rommel. The attack, first launched from the Hill of Jesus against Thompson's Knoll, had last week reached El Agheila, a narrow neck made difficult by soft sand and swamps. Wreckage

THE SHIMMERING FOG OF WAR MISTS TWO STRETCHER BEARERS LUGGING



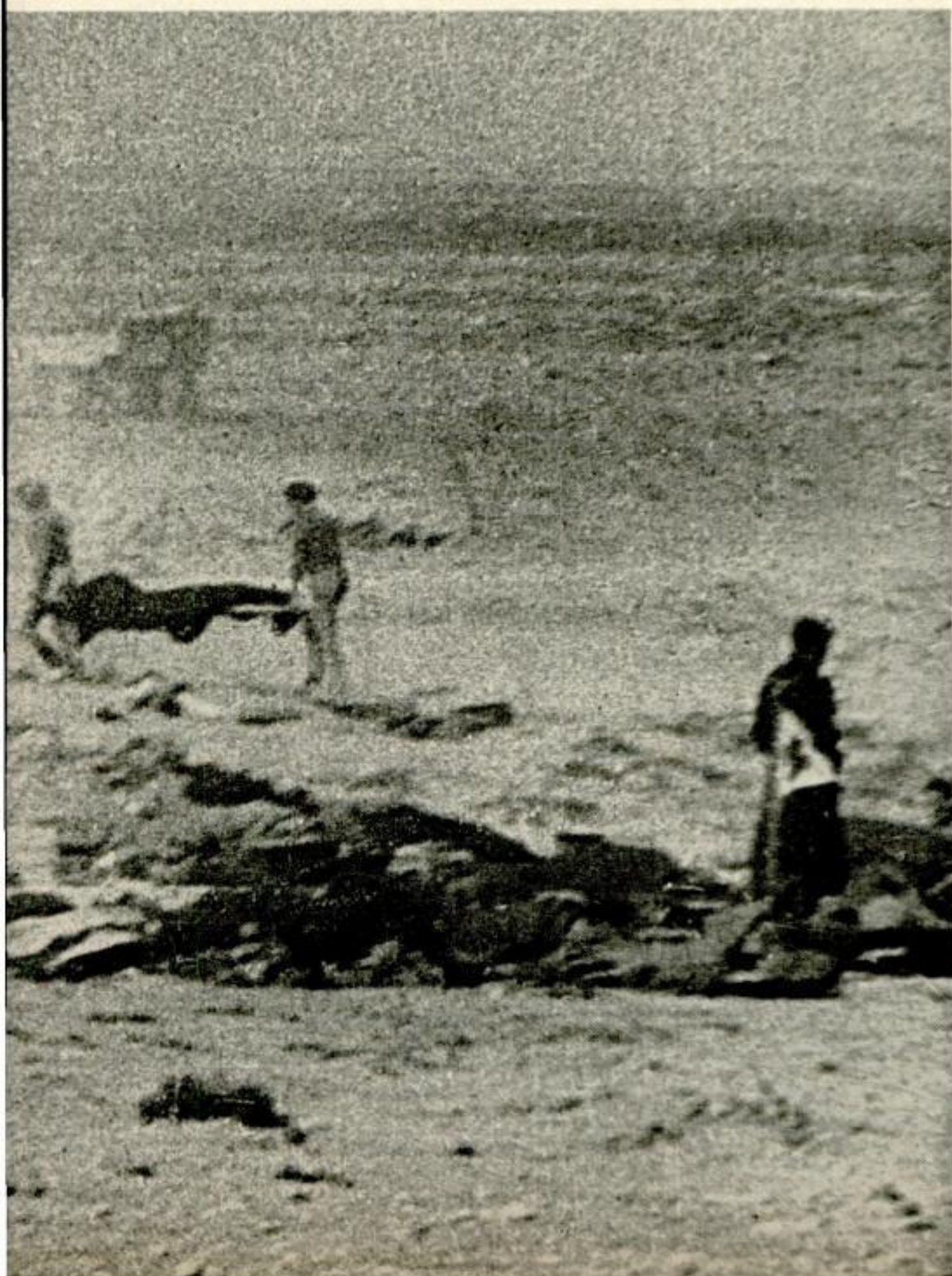


OLD TANK THAT WAS SO GOOD IN 1939 BUT IS NOW OUTMATCHED BY AMERICANS

REMAINS OF ROMMEL'S AFRIKA KORPS

covered the deserts. Scuffed in the sand was a letter to one Captain Aldo Corbelli from his girl, Mardella, saying, "I never stop longing for you." Inside the tank nearby was the charred body of Aldo. So rapid was the British advance that much of the wreckage was not cleared off the roads and the British columns whirled around the debris. But the British generals warned that they expected at least one more good fight out of Rommel.

WOUNDED OF THE BATTLE OF ALAMEIN TO FRONT-LINE DRESSING STATIONS



Dead German hugs the sand of Africa. The great majority of killed in this war are hit by shell fragments, usually in the head. Bomb fragments get some. Small-arms bullets account for a very small percentage.



The Afrika Korps loses two more Germans born to die where Napoleon once lost an army too. Notice that both carry the basic German Mauser rifle used in World War I. They may have been strafed by planes.





Americans, smiling in anticipation, keep low in landing barge nearing the shore at Oran. Second in the center row is a military policeman, always a very necessary figure in the occupa-

tion of alien territory. Behind him are a corporal and a private first class. All wear the American flag on their left shoulder. Shock troops wear helmet camouflage net and carry Garand rifles.



Heavily loaded with gear, the American troops come peacefully down the long dock at Oran's naval base of Mers-el-Kebir. Just off two transports in background, some have taken off their helmets in the hot sun.



Past a French cafe and typically French curbside crowd, American troops headed by master sergeants and corporal technicians enter Oran. Americans felt like tourists.

U. S. ARMY IN NORTH AFRICA

It starts well with an easy job

The American invasion of Morocco and Algeria was not done with mirrors, but the casualties were comparatively light. U. S. Army and Navy dead and missing came to 860 men, wounded to 1,050. Most of the 500 missing were reported probably drowned by U-boat torpedoing. The Army took most of the losses. The French losses were smaller, 490 dead and 969 wounded. The Americans, however, had got a taste of moving against live ammunition, at relatively small cost.

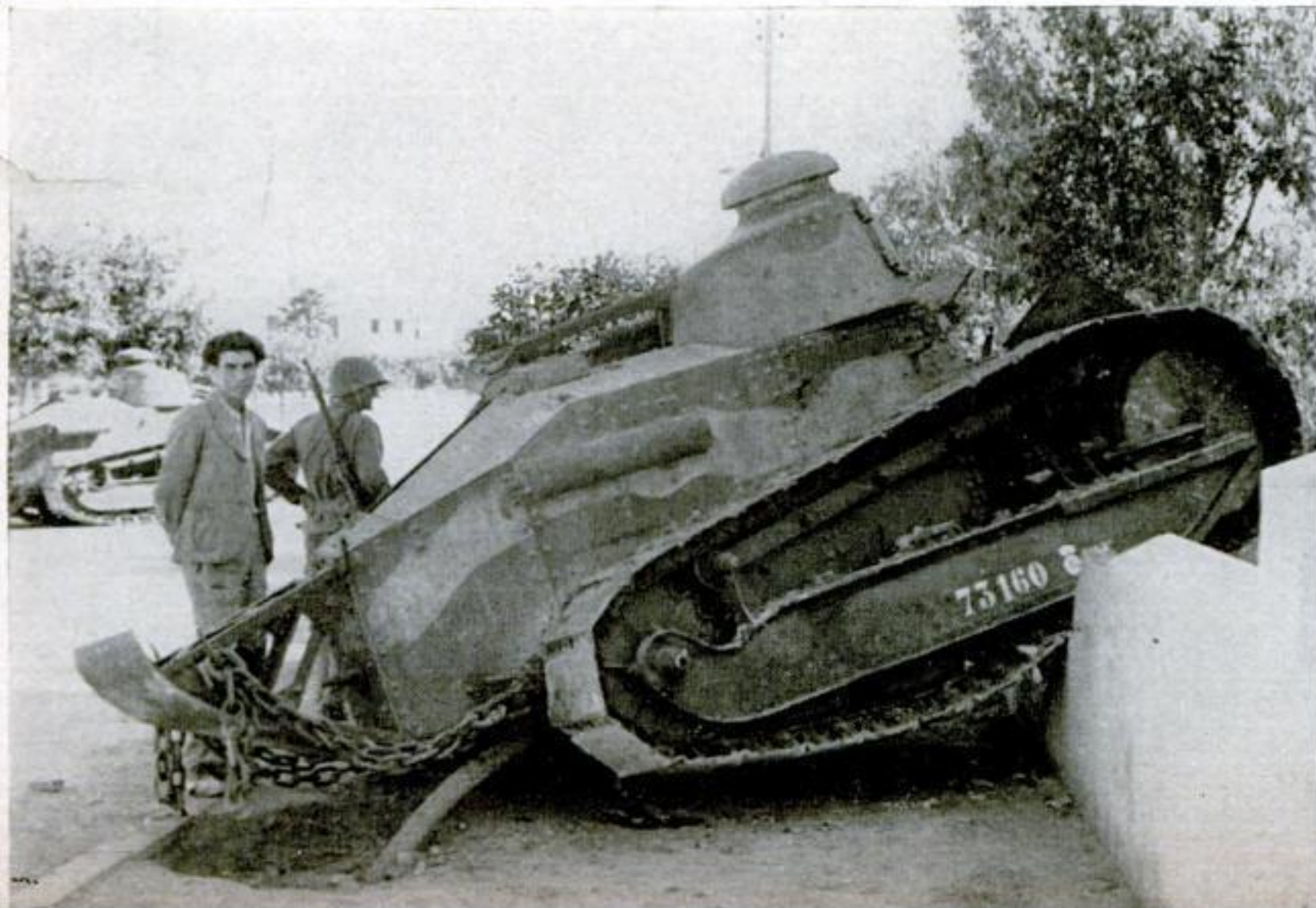
The next stages would be bloodier. For as the Americans joined the British First Army in Tunisia, they

found in their path a small German army of a division or two under General Nehring. The Germans had orders to fight desperately, while German ships crowded more troops into Bizerte under an umbrella of every plane the German Luftwaffe could round up. Brigaded with the "blooded" British veterans of Dunkirk, the cream of the British Army, green American troops were now exposed to savage and expert bombing and a shrewd and nimble antagonist. British General K.A.N. Anderson foxed Nehring by getting first to Tabourba on the railway between Tunis and Bizerte. At last week's end, he began to mount his assault on the two cities.

American wounded has had his arm dressed and stands beside an armored truck after the brisk fighting around the port of Oran in Algeria, where the French put up the stiffest resistance on the Mediterranean.



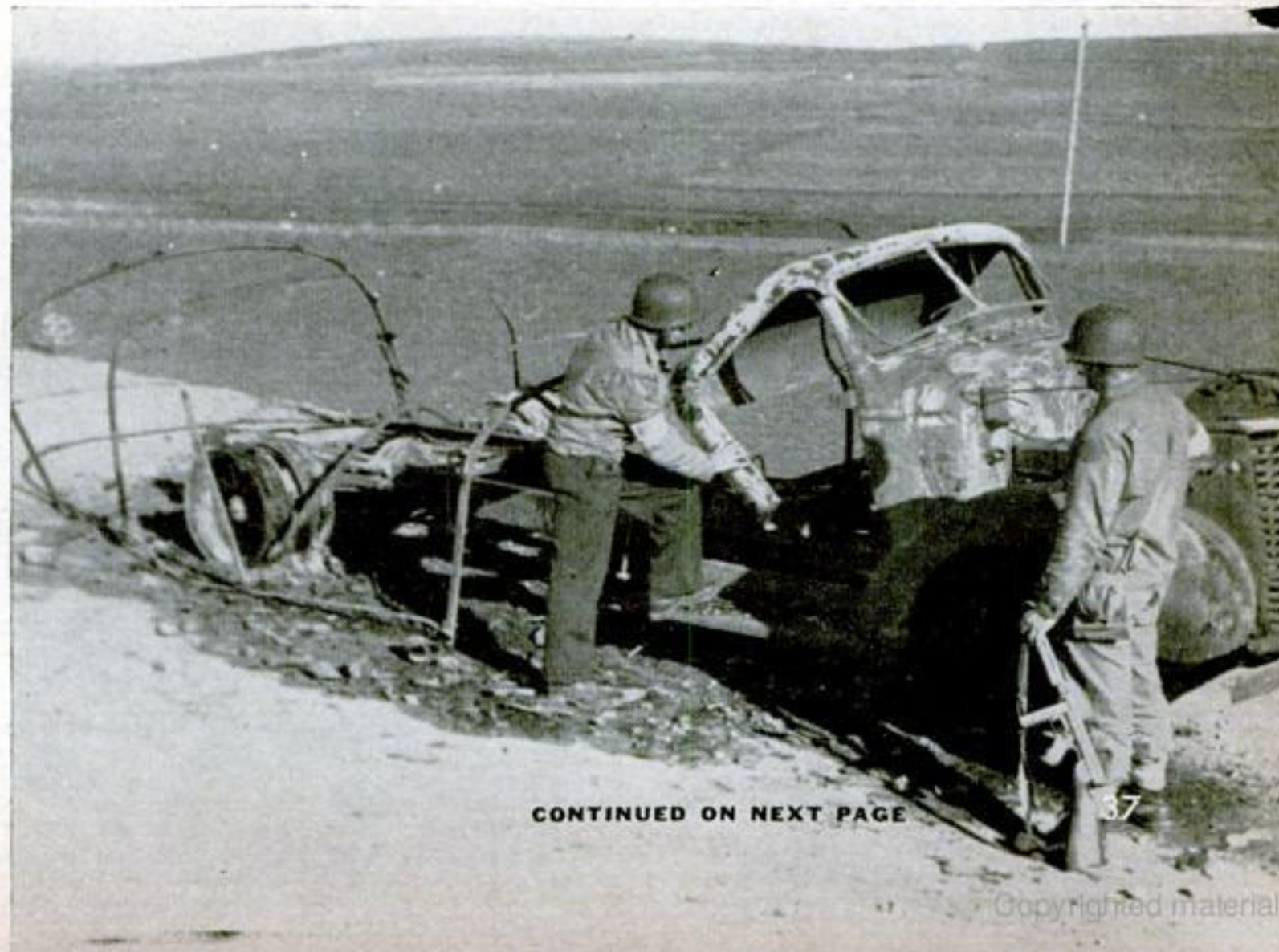
Runaway French tank, a pathetic little specimen of Renault vintage of World War I, comes to rest on a lamppost in fighting with Foreign Legion near Safi, Morocco. Another tank is seen in left background.



Frenchman is frisked by American corporal, while other surrendered Frenchmen loll, watching apathetically. White Frenchmen put up a better fight than native troops.



French truck on highway from the coast to Marrakech was caught by strafing American carrier-borne planes and burned out. The American at right carries tommy gun.



CONTINUED ON NEXT PAGE



Stalingrad at night is seen from the east bank of the Volga, here half a mile wide. The illumination is part-

ly artillery and partly fires set by bombs and shells. Two dockside lamps seem to be lit in the foreground.

RUSSIANS TAKE OFFENSIVE

Something far worse than in Africa had gone wrong with the German [Wehrmacht] in Russia. On Nov. 19 the greatest offensive the United Nations have so far delivered in this war boiled out of a fog over the plains north and south of Stalingrad. One drive slashed along the Volga to ransom Stalingrad. Another bit off the whole bend of the Don River, crossing at half a dozen bridgeheads. A third curved up to meet it, along the River Chir. A fourth drove due south of Stalingrad to cut off the German retreat. The dangerous military position in which the failure at Stalingrad had put the German Army suddenly cracked wide open.

Some 20 German divisions around Stalingrad had no way to get home. Twenty more divisions fighting in the Caucasus found the Russian Army deep in their rear. At week's end the Russians claimed they had killed 50,000 Axis troops, captured 70,000 more, in this offensive. They were moving at a fantastic, per-

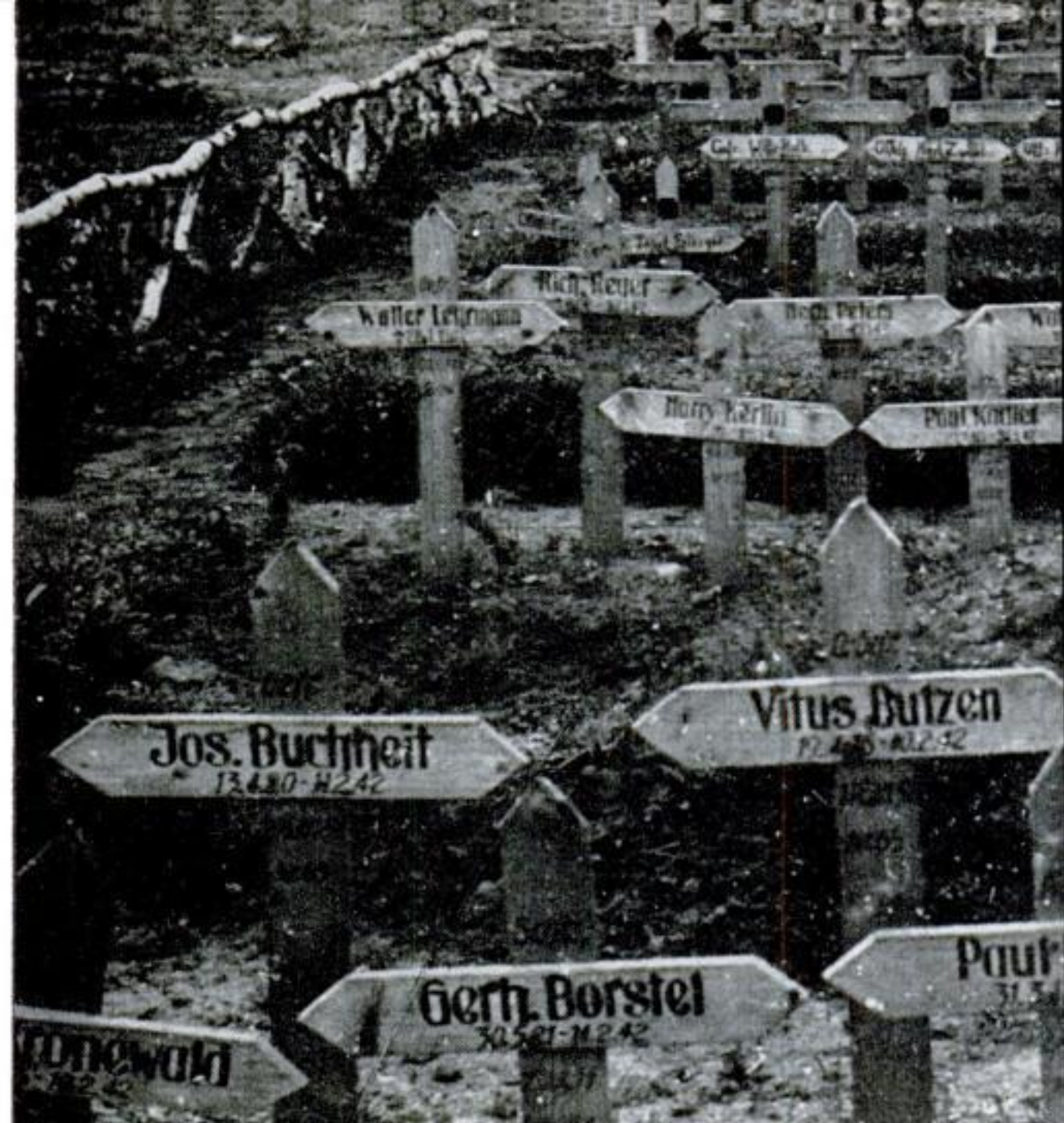
haps a dangerous, rate, but their tactics had changed considerably since a similar offensive misfired at Kharkov. Now the Russians were using concentrated masses of artillery and heavy infantry forces with their tanks. This was the Red Army's third big attempt to prove that it is a better army than the Wehrmacht. If it succeeds, the 100-day battle of Stalingrad will take its place in history beside the battles of Zama, Tours, Waterloo and Gettysburg.

On Nov. 25 the Russians struck again, northwest of Moscow, at the German salient around Rzhev, penetrated 160 miles in three days. And reports from Stockholm had it that a total of seven Russian offensives were massing between the Baltic and the Caspian. Both sides had specialized in the techniques of winter war. The number of Russians in the annual trade-unions ski races had jumped from 130,000 to nearly 6,000,000 and the Red Army took the best. The winter of 1942 looked bad for Germany.



Russian reserves, with American cargo truck (right), slog up through bomb- and shell-shattered streets of

Stalingrad to the suburban front. No more than five Russian divisions were used in defense of Stalingrad.



A PROMISING BEGINNING IN GERMAN GRAVES IS THIS GROUP AT KARMENOV, OUT OF A HALF-WRECKED FACTORY (ABOVE) IN STALINGRAD RUSH A DETACH-



OUT OF A HALF-WRECKED FACTORY (ABOVE) IN STALINGRAD RUSH A DETACH-





NORTH OF STALINGRAD. THESE SEEM TO BE NAMES OF SOUTH GERMANS AND AUSTRIANS, MOSTLY IN THEIR EARLY TWENTIES. NUMERALS GIVE DATES OF BIRTH AND DEATH



MENT OF RUSSIAN GUARDSMEN, HEROES OF STALINGRAD'S DEFENSE. BELOW: STATUE OF CHILDREN DANCING ADORNS FOUNTAIN WHERE STALINGRAD WORKERS STILL GET WATER



LIFE ON THE NEWSFRONTS OF THE WORLD

Out Of A Disaster One Year Ago A Greater Nation Has Been Born

When the grim whistle blew on the morning of Dec. 7, a year ago, our team was pretty well scattered around the field. A lot of us had been issued uniforms and given signal drill, but most refused to believe that there would really be a ball game. Admiral Kimmel and General Short, who were supposed to hold the center of the line at Hawaii, didn't even seem to realize that they were on the same team. The Japs ran right over them. Back home our factories were operating at a fraction of capacity. There were maybe 6,000,000 unemployed. There were few controls on our economic system, and—so strong was public opinion in favor of life as usual—little chance of setting up effective ones. We admired the courage of Britain. We pitied the ravaged peoples of Poland, Czechoslovakia and France. We hoped that Russia would hold. But that heroic struggle was far away from us. We weren't ready for a ball game.

An Unhappy Nation

As we look back now across the crowded events of our first year at war we can see that, before December 1941, the U. S. was an unhappy nation. We had been unhappy for quite some time. We seemed unable to make our industrial system work. Not only were the jobs few, but most of those available lacked zest and adventure. Besides, the world situation was out of control and we did not know what to do about it. Some told us to step in and clean it up. But this meant fighting. And since we did not want to fight, many of us listened to those who advocated precisely the opposite course; to withdraw from the world even more than we heretofore had, and to live as best we could behind the obsolescent safety of the two oceans.

But besides being torn and troubled by indecision, our conscience hurt us. We were somehow letting America down. We had no clear, fearless policy to stand for, before God and other men. We had no high goal. Even most of the people who were urging us to "intervene" in the war were cautious about advocating a forthright declaration against the Axis. Most of the "interventionist" argument was devious and subtle. We should aid Britain, Russia and other belligerents because this was the best way to stay out. Other people would suffer and die to maintain the kind of world that Americans had to have in order to live happily. But we ourselves would just live happily.

It was not a noble prospect. It was not a prospect calculated to call forth the best that was in us or to inspire the boys in the camps with any clear sense of their mission.

Nor could it create that dynamic fusion between labor, management and the farm which, whatever the differences of interest, must somehow be achieved if democracy is to prove itself worthy of the aspirations of mankind.

A Different Country

Of course it would be untrue to say that during 1942 we succeeded in correcting all those faults. We are still reluctant to face hard realities. And while Washington has certainly improved, it cannot be said that those under the President have provided inspiring leadership during the past twelve months. A lot of war agencies are still floundering. But in spite of this, the U. S. is different—almost like a different country. Some of the boys who were sent away soon after Pearl Harbor might be surprised if they were to come back now. The President is a lot tougher. Donald Nelson is tougher too, and he has delegated much power to tough and aggressive assistants. In December 1941, Detroit was still manufacturing automobiles, whereas today the manufacture of mechanical gadgets for civilian use has virtually ceased. There are a lot of things you can't buy. Sugar, coffee, gasoline and tires are rationed. Butter is restricted. The C. I. O. and the A. F. of L. are working together and strikes have almost vanished. Labor-management committees throughout the land are speeding up production and are pioneering toward a new management-labor relationship. We have learned how to put together a cargo vessel in $4\frac{1}{2}$ days. We have learned how to make armor plate in steel-spring factories. Indeed, we are sensing once again the thrill of gigantic production. We are enjoying once more the drama of men and machines.

It's A Far Cry

As you work out toward the actual front the change since Pearl Harbor becomes more revolutionary. We have a big Army now, and the boys are taking it seriously. They have some serious equipment to work with. Our new tanks are good, our heavy bombers have baffled enemy air tacticians. Despite fumbling and bad management, global air transport has become a reality for us. We have a supply line across the heart of Africa, another into China, another across the Bering Sea into Russia. We have built a road all the way to Alaska. The Navy has mauled the Japs, the Marines have clung heroically to Guadalcanal, the Army has joined with the British to seize 1,200 miles of the African coast. It is a far cry from Admiral Kimmel in disgrace to Admiral Halsey breathing fire and brimstone in the Pacific. It is a far cry from Douglas MacArthur, a national hero in defeat, to General Eisenhower landing magnificently in Algiers—or, for that matter, to Gen-

eral MacArthur himself pounding the Japs on New Guinea. Our actual military contribution to the war is still a pigmy thing. And yet it is much bigger than our leaders dared to hope for a year, or even six months, ago.

The Mastery of Peace

Of course, whatever our accomplishments, it cannot be said that the U. S. is a happy nation today. We cannot be happy so long as war lasts, with our sons and husbands and brothers risking, and giving, their lives. In this first year we have lost almost 50,000 of our boys, killed, missing and captured. That fact is the measure of our time.

Nevertheless, we are beginning to feel a kind of satisfaction which was unknown to Americans the day before Pearl Harbor. And the significant fact about this satisfaction is that it does not arise from things that are supposed to satisfy people. It does not arise from luxury and ease and wealth, but from their opposites. Possibly there are times in history when luxury and ease are the things to be proud of, but this is not one of those times, and the American people know it. Our satisfaction today lies in hard work, in increased production and efficiency, in getting along with less, in supporting the war-relief agencies—yes, even in paying taxes. Anything we can actually do for the war, however unpleasant, satisfies us. It is when we can't see how to help, when no one will tell us what to do, when our efforts seem futile, that we are most unhappy. We want a big, successful America, and we are prepared to give up almost anything to get it. That is the change. That is the new country that has been born, almost imperceptibly, out of the bloody dawn of Dec. 7.

War is the greatest social evil on earth. And yet, for this very reason, as the British have learned, and the Russians, and the Chinese, the mastery of war is a human discipline which can be productive of enormous social good. To master war is to master oneself, and to do this *with* other people. After the last war Americans "reacted" against some of the hard things that were learned in the great fight against German imperialism. And small-time politicians today insist that we shall "react" again, the same way, this time. When you consider how much our country has changed in a single year of war, it is risky to make snap guesses as to what we will be like after another year, or years. The chances are better than fifty-fifty that, this time, Americans will choose the opposite course, applying the lessons of this struggle to build a strong and dynamic peace. For it is possible that when peace comes this time we shall not be seeking peace *and* luxury, peace *and* selfishness, peace *and* cynicism. In the name of the boys who gave their lives, we can if we like insist on peace *and* work, peace *and* generosity, peace *and* good faith. The mastery of war, the greatest test of human beings, can result in the mastery of peace.

PICTURE OF THE WEEK

Last week New York's Metropolitan Opera opened its 58th season. As Donizetti's gay *Daughter of the Regiment* unfolded, LIFE Photographer Alfred

Eisenstaedt huddled in the prompter's box at the front of the stage to take action pictures. Opposite is his picture of the opera's stirring, topical finale

in which Coloratura Lily Pons holds the Fighting French Cross of Lorraine instead of the Tricolor while the entire company renders the *Marseillaise*.

This is what the prompter saw from his box
at opening of Metropolitan Opera season:
Lily Pons in "Daughter of the Regiment"





Captain Eddie Rickenbacker is put on stretcher from the Navy scouting plane which rescued him and two members of his crew after they had been missing at sea for 22 days. The two-

seater rescue plane was so small that Rickenbacker and Private John F. Bartek had to be lashed to the wings while the ship taxied 40 miles on the surface of the Pacific back to its base.



These life rafts were home and ship to the drifting men for over three weeks. Captain William Cherry Jr. was in small raft while Rickenbacker, Bartek and Adamson were in the larger one.

RICKENBACKER RESCUE

Captain and crew recuperate on South Pacific island

Last week these pictures and a first-hand report on Captain Eddie Rickenbacker and six fellow survivors reached the U. S. Snatched from the edge of darkness by two eagle-eyed Navy men in a small seaplane, Rickenbacker and all but one of his gallant crew were recovering from their ordeal in a hospital at a U. S. South Pacific base. Rickenbacker, the World War I flying ace with the charmed life, looked like a pugilist who had just gone ten rounds with Joe Louis. Although both his hands were carefully wrapped in bandages and his eyes were badly puffed and swollen, "Rick" insisted he was "feeling great." When interviewed he spoke not as an authority on aviation but as a fearless mortal who had four times slugged it out with Death and lived each time to answer the bell for the next round.

"I know I came within hearing distance of the Old Fellow this trip," said Rick, "because his approach, always the same, is unmistakable. One hears beautiful soft music and everything is extremely pleasant just as heaven should be."

Rickenbacker and most of his crew are expected to be able to leave the hospital soon despite the effects of three weeks of exposure in open rafts with mostly raw fish for a diet. Only Col. Hans C. Adamson (*lower right*) is still in serious condition. Rickenbacker has asked the War Department for permission to finish the aerial inspection tour which came to an unexpected and dramatic end when his bomber ran out of gas on Oct. 21 and was forced down somewhere in the South Pacific.



Regular food tastes good to crew members well enough to sit up and eat. Left to right are Lieut. Whitaker, Cpts. Cherry and Rickenbacker. One of Rick's first meals was soup and ice cream.



Lieut. John De Angelis, navigator of Rickenbacker's wrecked bomber, was plucked off a tiny South Pacific Island where he had landed with Lieut. Whitaker and Staff Sergeant Reynolds.

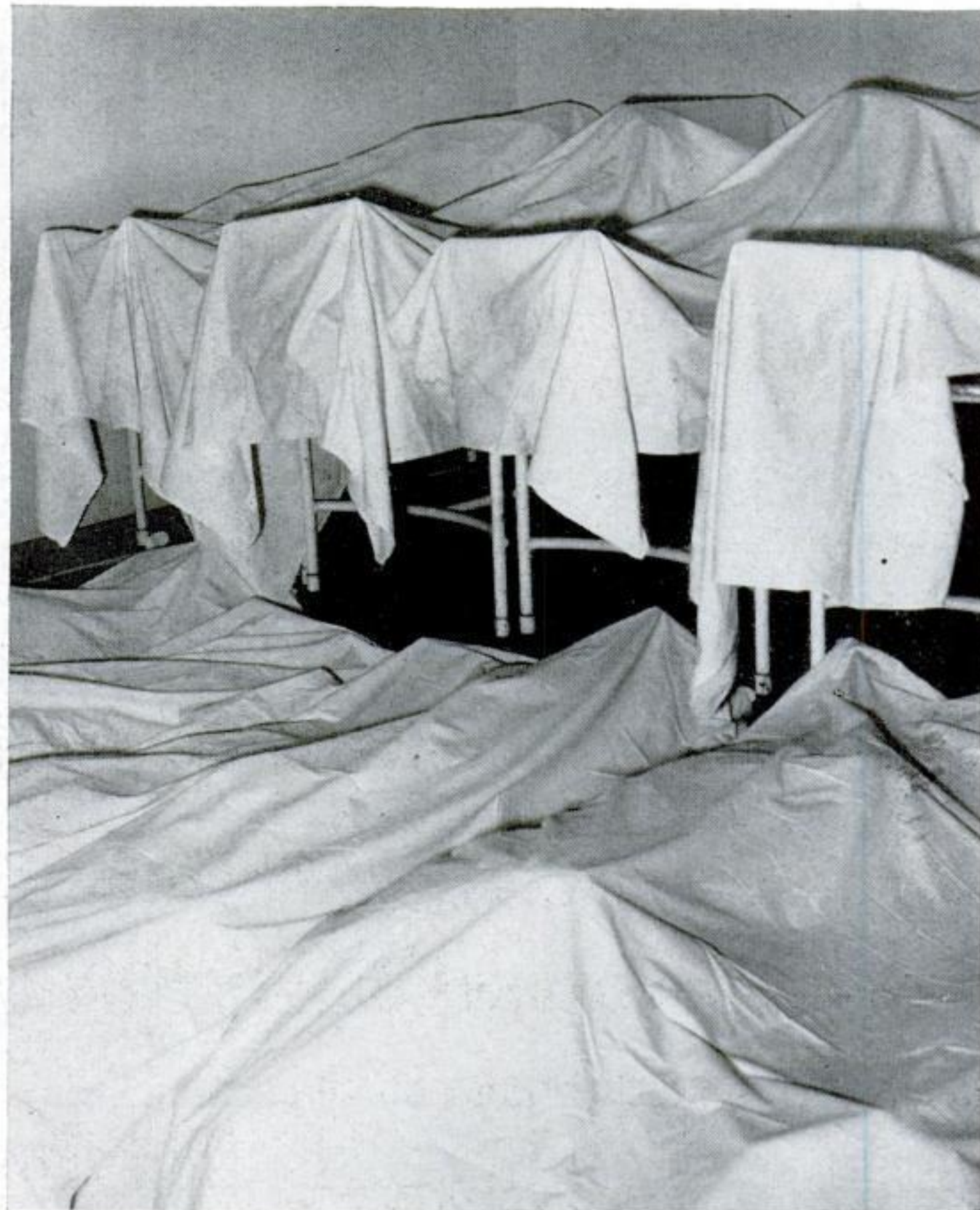


Private John Bartek (*above*) and Col. Hans Adamson (*below*) were with Rickenbacker when he was found. Adamson's condition, complicated by pneumonia and diabetes, was very serious.





Cooks Mary O'Hare and A. B. McKillop prepared scrambled eggs which caused 47 deaths. McKillop is being held for involuntary manslaughter, Mrs. O'Hare for obstructing justice.



Corpses in morgue at Hospital for the Insane are covered with sheets. Note that sheets are pushed up in many places due to fact that victims died with their arms and legs contorted.

POISONED EGGS

Careless cooks held responsible for 47 deaths at Oregon asylum

Last week in Salem, Ore. police moved toward clearing up the mysterious case of the powdered eggs which resulted in the death of 47 inmates at the Oregon State Hospital for the Insane on Nov. 18. The district attorney made a charge of involuntary manslaughter against A. B. McKillop, assistant cook, and a charge of obstructing justice against Mrs. Mary O'Hare, chief cook at the hospital for 12 years. McKillop, in violation of rules, sent one of the inmates, an epileptic, to the basement to bring back powdered milk which was needed for preparing the eggs. The patient, George A. Nosen, 27, dipped into the wrong storage can. He brought back 6 lb. of sodium fluoride (cockroach poison) instead of powdered milk. Officials are practically certain that this fatal action was accidental and not purposeful. The eggs were prepared and served to patients for dinner on Nov. 18, and by night 47 had died agonizing deaths. Doctors and nurses are still fighting to save the lives of 420 other inmates who were poisoned by eating the eggs.

The two cooks (*see above*) discovered Nosen's error after the patients became violently ill, but withheld their knowledge for several days. Only relentless police questioning brought about confessions.

This terrible disaster may bring a long-delayed legislative check-up on the overcrowded and understaffed State Hospital where 2,728 patients are now quartered in an old building which was designed to accommodate a maximum of 2,000. During the day one attendant must care for 16 inmates, and at night one attendant is responsible for 150 of the insane.



Roach powder which caused poisoning was stored in this iron can. Investigating are Dr. F. R. Stricker, State Health Of-

ficer (with spoon), Hospital Superintendent Dr. Evans (left), District Attorney Hayden (right) and Col. P. D. Mossman.

That Extra Something!

...You can spot it every time

Supposing you were Old Santa Claus. What a job you'd have! Chimneys waiting everywhere... youngsters' gift lists to be checked. The job certainly calls for that extra something.

You'd get tired and thirsty, too. You'd want that extra something in refreshment—ice-cold Coca-Cola. Well, you'd find it in many homes everywhere. You could help yourself at the icebox and be welcome.

You'd find thirst gone and refreshment arriving. You'd thrill to the taste so delicious and distinctive that it stands alone. You'd know you were enjoying all the quality that skill and choicest ingredients could put there. You'd find refreshment going quickly into energy. You'd be ready again to shout, "Ho, Prancer! Ho, Vixen..."

(You can pretend you're Santa. You don't have to pretend you're enjoying an ice-cold Coca-Cola. Have one!)

It's natural for popular names to acquire friendly abbreviations. That's why you hear Coca-Cola called Coke. Coca-Cola and Coke mean the same thing... the real thing... "coming from a single source, and well known to the community".



When you shop, you never have to shop around for refreshment. There's always one bargain you can count on... a bargain in a bottle... ice-cold Coca-Cola. Enjoy it and shop refreshed.



Happy moments at home are brighter when ice-cold Coca-Cola adds its life and sparkle. It's an old friend of the family ready to take off its cap and help out any time.



*The best
is always
the better buy!*



In remembering others, remember yourself. There's a package for you to open anytime... ice-cold Coca-Cola... refreshment all wrapped up in its own familiar bottle. Enjoy it often.

COPYRIGHT 1942, THE COCA-COLA COMPANY

Aren't these the most important meals?

WAR WORK doesn't leave much time for getting meals!



When you rush in late, out of breath and short of ideas — what a help to have Del Monte Fruit Cocktail ready to start or end dinner!

And that's only part of the story! Let this handy five-fruit combination balance hearty, hurry-up lunch dishes, too. Such as quick-cooking macaroni and cheese, creamed chipped beef on toast, or baked beans. Or have Fruit Cocktail for breakfast, on cereal or with bacon and eggs.

New flavor, but no work! You don't waste one minute of your precious time peeling, dicing or mixing fruits!

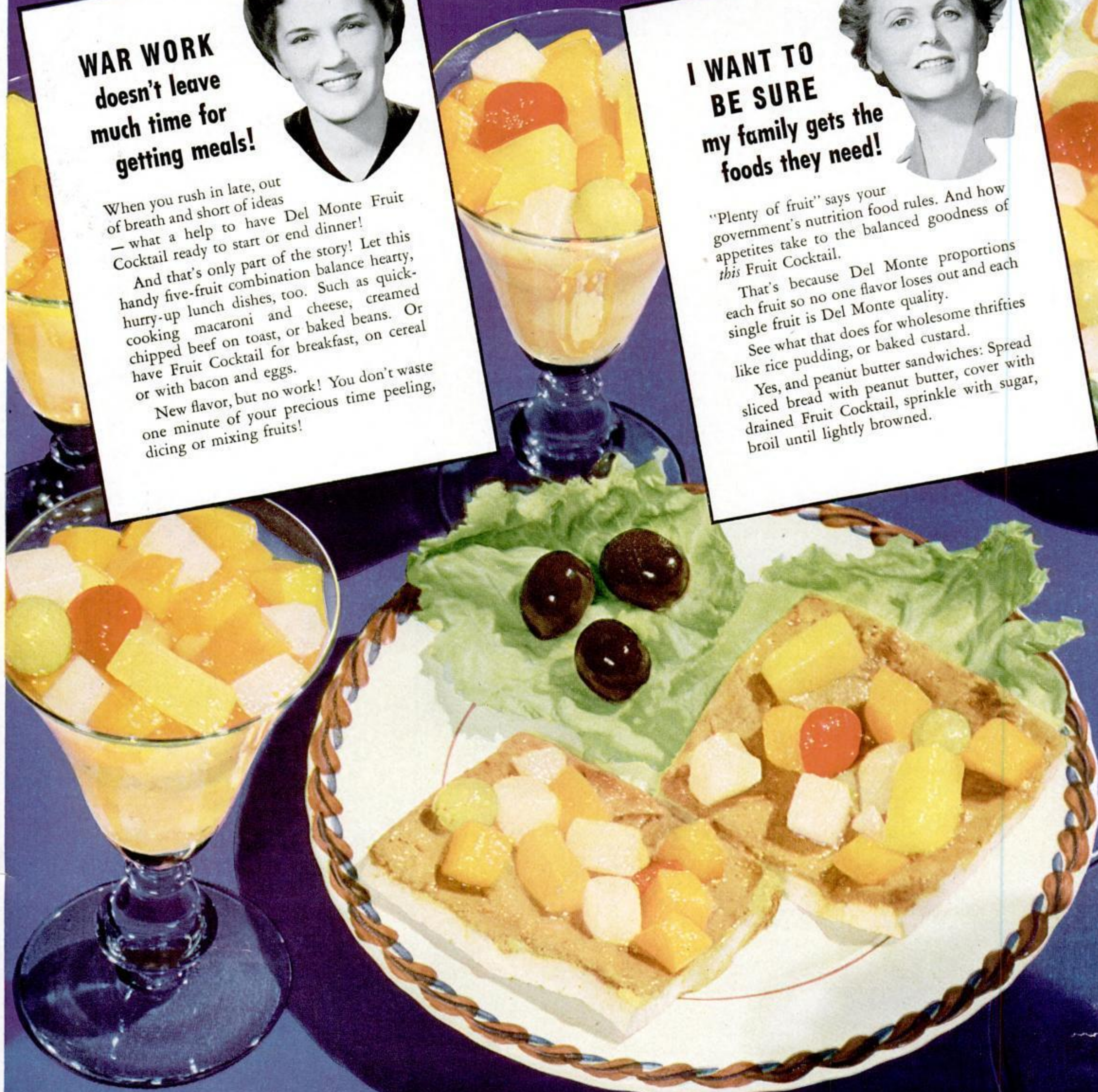
I WANT TO BE SURE my family gets the foods they need!



"Plenty of fruit" says your government's nutrition food rules. And how appetites take to the balanced goodness of *this* Fruit Cocktail.

That's because Del Monte proportions each fruit so no one flavor loses out and each single fruit is Del Monte quality.

See what that does for wholesome thrifties like rice pudding, or baked custard. Yes, and peanut butter sandwiches: Spread sliced bread with peanut butter, cover with drained Fruit Cocktail, sprinkle with sugar, broil until lightly browned.



*Here's help — SAVES TIME —
SAVES WORK — MAKES MEALS BRIGHTER*

Del Monte

-time problems facing you today?

**IT DOESN'T
SEEM RIGHT
to throw away
a thing!**



Especially with leftovers, you want lively color and brand-new looks and flavor. That's why you'll be wise to use Del Monte Fruit Cocktail and be sure! You have five juicy, tender fruits, all combined: Peaches, pears, pineapple, grapes, cherries. The same quality, in cans or glass. Why not get a week's supply of Del Monte Fruit Cocktail at once? Save time and tires!

To make leftover Crumb Pudding: Mix syrup from 1 No. 2 can Del Monte Fruit Cocktail with 1 beaten egg, 3 tbsp. dark corn syrup, 1 tsp. cinnamon. Add Fruit Cocktail and 2 cups fresh bread or cake crumbs. Top with corn syrup or sugar, dot with butter. Bake at 350° about 30 min. 4-5 servings.

**ESPECIALLY
NOW—
I want my family to
enjoy their meals!**



No matter how nutritious your meals are, it really takes flavor surprises to keep folks eating with gusto! With Del Monte Fruit Cocktail always handy, you'll sidestep dullness without a bit of trouble.

Warm drained Del Monte Fruit Cocktail in butter to go with corned beef, liver or spaghetti. (Save the syrup for pudding sauce.) And remember, Fruit Cocktail works fine in almost any fruit recipe. Pies, cobbler, tarts—many others.

Keep that in mind if you don't always find the other Del Monte Fruits you want.

Fruits for Salad, too—



But don't confuse *this* fruit combination with Del Monte Fruit Cocktail.

In Fruits for Salad, you get pears, peaches, pineapple, apricots and cherries—cut in larger pieces especially for salads.

Both Del Monte Fruits for Salad and Fruit Cocktail are one and the same—in *quality*!



Many
Del Monte
Foods
now packed in
both cans and
glass. Both the
same quality.

Fruit Cocktail



Maybe our last Christmas for sometime, Nancy

TODAY'S OUR THIRD Christmas together, darling. Maybe our last one for a long, long time—if the Army likes my looks.

Two years ago—that was the day we met. Remember—at the Newells', Christmas afternoon. I was standing there lonely, in a room full of people, almost wishing I hadn't come. You smiled—and the room grew friendly. And in a little while we didn't know there were any other people in the whole world.

Christmas last year... we'd been married just four months. Your Christmas puppy chewed my Christmas slippers—remember? And the floor was a sea of boxes. We'd bought each other so many presents—gay, extravagant ones. It took us all morning to open them—and two months to pay the bills!

And now today—our third Christmas.

There's a different feeling about it. Not so gay... but sweeter, and more important.

Instead of a dozen presents, I've bought you just this one. It's sterling, Nancy—really fine International Sterling. I knew you'd always wanted to own it. And that it was the kind of thing we *ought* to spend our money on this year—something fine and permanent.

But there was another reason, too. Sentimental, maybe. And a little selfish! It's that... well, even though I may not be around for a while to see it on our table, I like knowing we own sterling. Not just because I know other folks will see it. But because fine things, lasting things, things we can hand down to our children... they're really an important part of living in a topsy-turvy world.

If, from the world's fine solid silvers, you choose International Sterling, you will have the lifetime satisfaction of knowing...

—that your sterling was made by the world's foremost silver house...

—that your pattern was designed by craftsmen whose predecessors were creating spoons of coin silver 100 years ago...

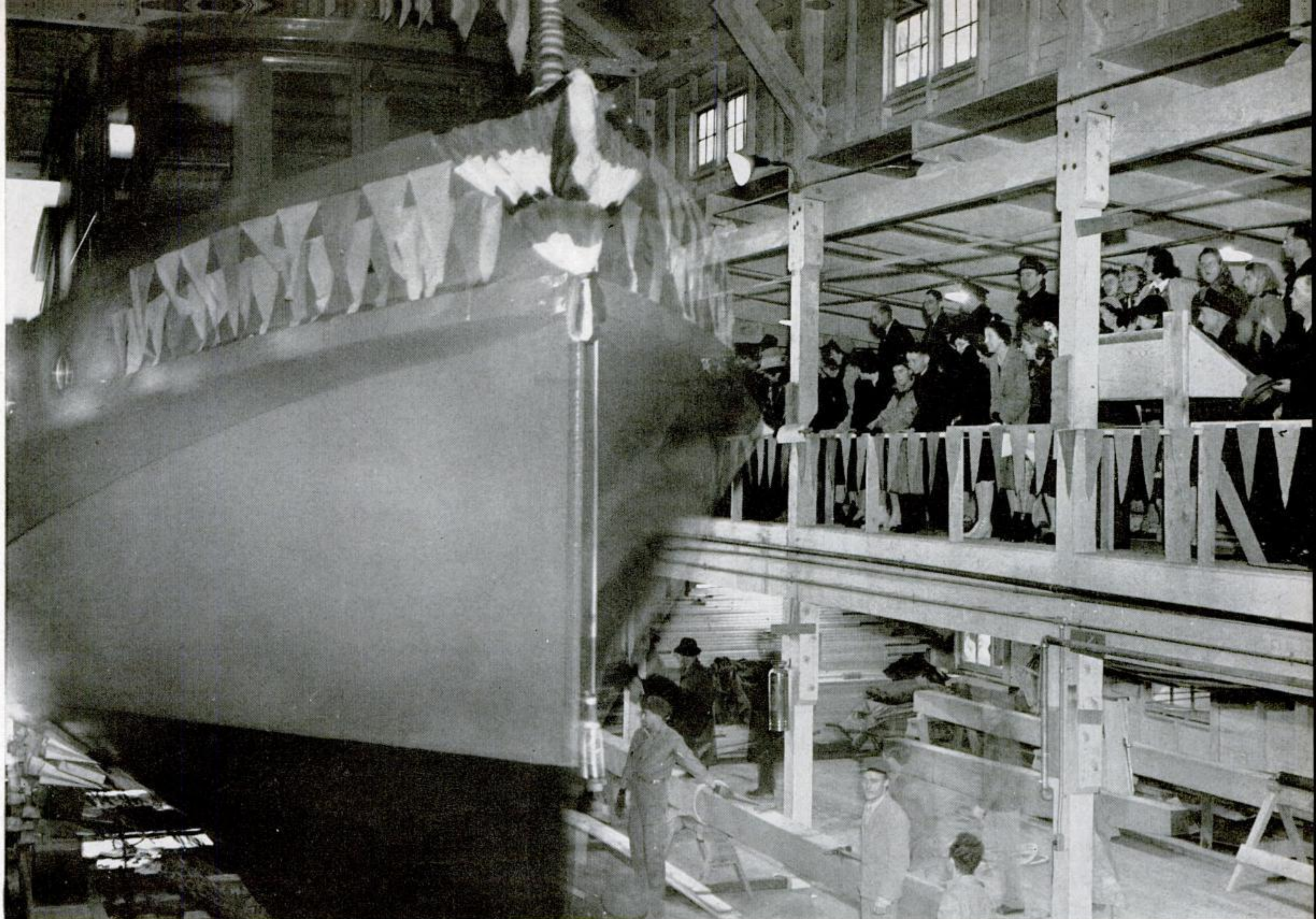
—that pieces created by International's *present* craftsmen have often been exhibited in leading art museums.

Yet International Sterling is not expensive. There are services for four at about \$70—welcome gifts of extra serving pieces for as little as \$4—with many beautiful patterns to choose from. Be sure to see International Sterling—at your silverware dealer's.

Copyright 1942, International Silver Co.



International Sterling



"Q-86" STARTS DOWN THE WAYS AT McNEIL ISLAND PENITENTIARY. WITH PRISONERS ABOARD, SHE WAS IMMEDIATELY JOINED BY GUARD SHIP AS SOON AS SHE HIT THE WATER

PRISON WAR WORK

Inmates help the fight

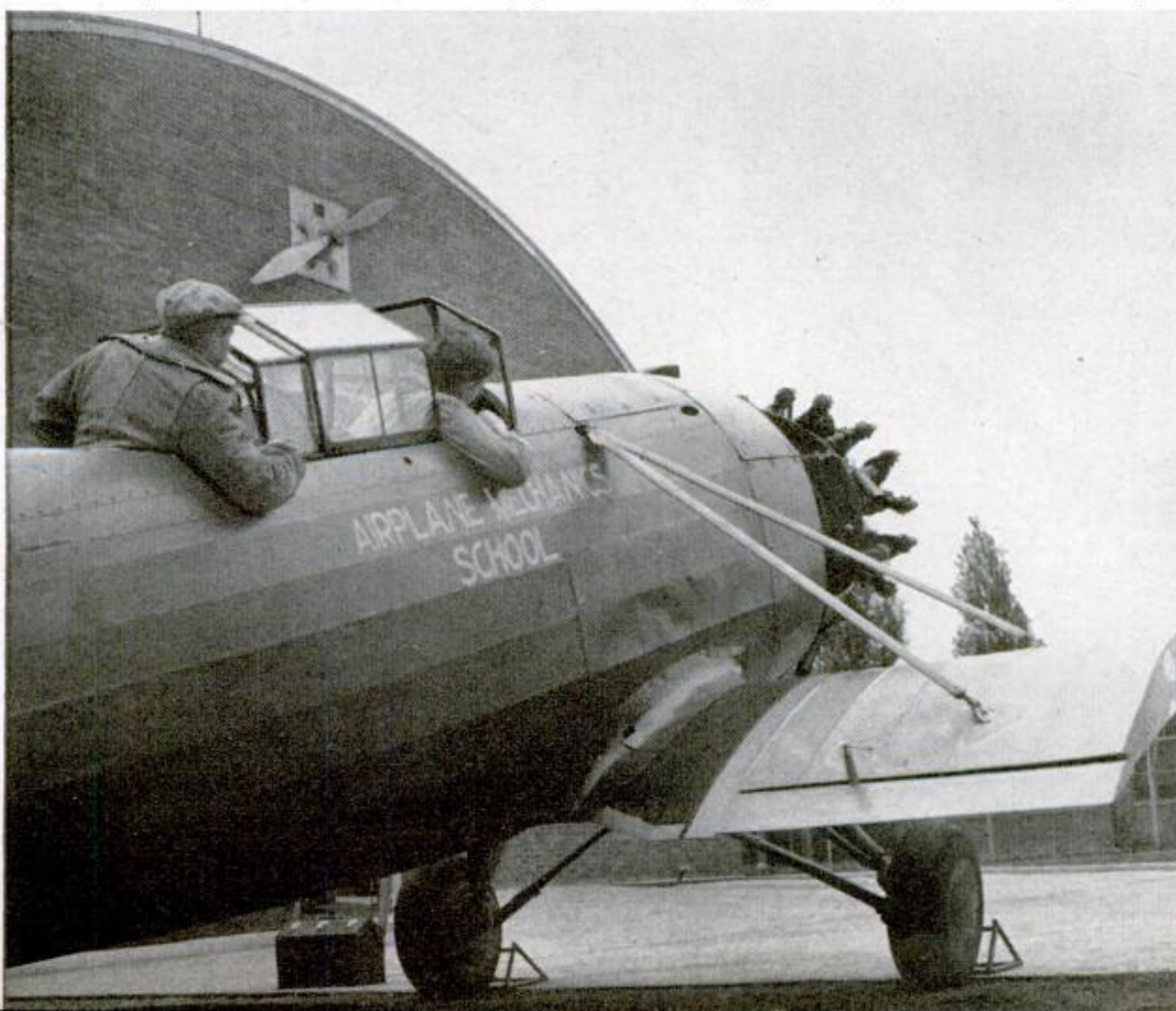
Into the waters of Puget Sound, last fortnight the Army patrol boat, *Q-86*, was launched. She had been made entirely by prisoners at McNeil Island Federal Penitentiary. As she slid down the ways, builders sadly watched her go, as if they were parting from a friend they had learned to love. When she had disappeared into the river fog, they immediately laid the keels for two more boats.

In this way, by building boats, the inmates of McNeil Island Penitentiary are helping the nation fight the war. In other prisons too, in every part of the country, other prisoners are doing war work. The Alabama State Prison is making shirts for the Navy. At New York's Auburn Prison, inmates are producing Navy carpenters' chests. At

San Quentin, mattress covers, cafeteria trays, nightsticks and air-raid sirens have been manufactured by the thousands. At the Federal Reformatory for Women, Alderson, W. Va., skilled workers are turning out bandoleers for the Army, and at Atlanta Federal Penitentiary prisoners are producing \$4,000,000 worth of defense material yearly.

Said Donald Nelson two months ago, speaking of the prisons, "It is urgent that full advantage be taken of this reservoir of resources." In U. S. prisons today are 150,000 men capable of producing more than \$100,000,000 worth of war goods every year. Last week it looked as if the prisons were headed toward this capacity production. Said a prisoner at San Quentin, "We know what freedom means."

Airplane motor is tested, after being overhauled, by trained prisoner mechanics at Chillicothe Federal Reformatory in Ohio. Like live duck decoy, plane has wings clipped making it unable to fly away.



A flag is made at the Federal Reformatory for Women, Alderson, W. Va. Working a 48-hour week, the women also operate their own farm, piggery, dairy and gardens.

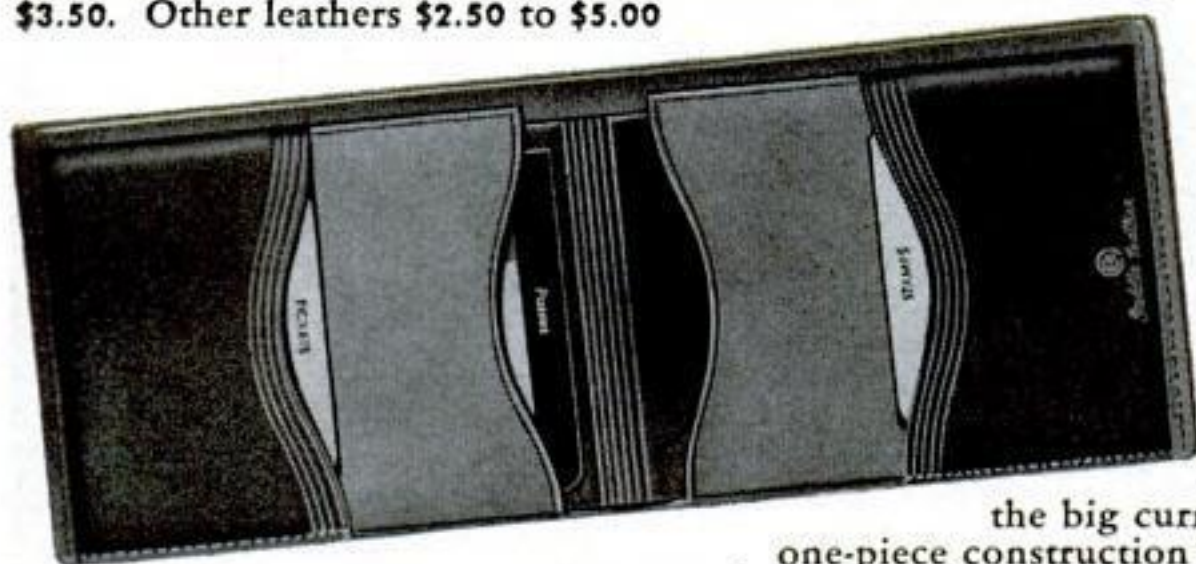


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ENG-KRESS *Pass-finder* **BILFOLD**

Locates cards, passes, licenses instantly. Each transparent envelope has different color band for quick selection. Exclusive EK feature. Black India Goat (leather illustrated) \$3.50. Other leathers \$2.50 to \$5.00

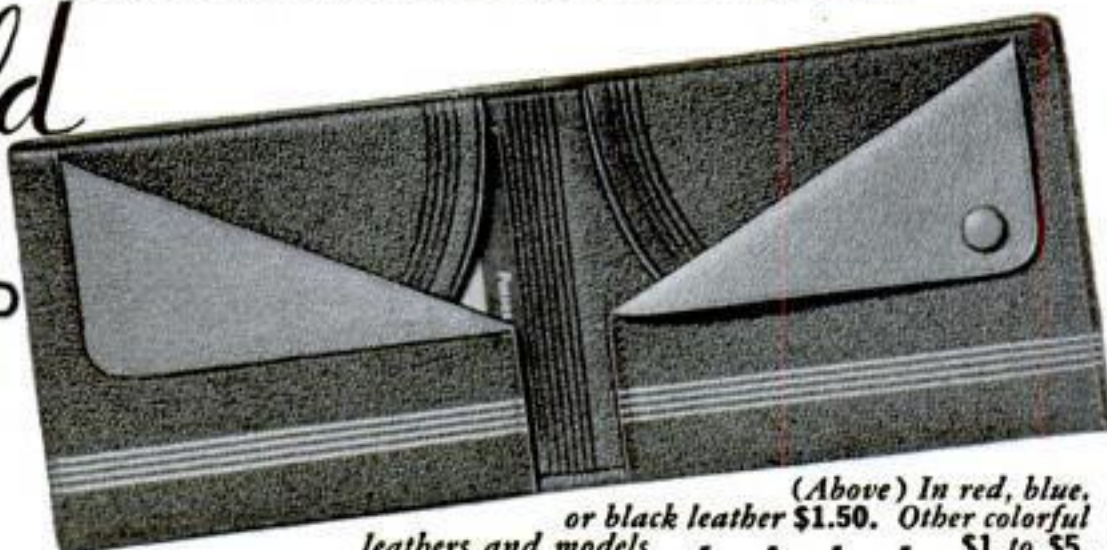


ONE PIECE SECRET POCKET BILFOLD

Secret pocket hides the big currency bills. Tailored, one-piece construction for long wear. Four extra pockets for cards, tickets, passes and stamps. Saddle leather illustrated \$4. Other leathers, \$3 to \$6.

Jillfold **THE NEW LADIES BILFOLD**

Smartly tailored in many leathers and colors—to harmonize or contrast with other accessories.



Swing-it **PATENTED POCKET SECRETARY**

Something really different in a pocket secretary. Patented feature swings memo pad to outside cover—providing smooth writing surface and locking in valuable papers and letters. And it has pockets galore.

Saddle leather model illustrated, \$3.50; others \$1.50 to \$7.50. Three sizes. Also special model for lady's purse \$1 to \$2.



Ask for Leather Goods by **ENG-KRESS**

Prison War Work (continued)



Sides of bomb fins are bent up sharply in bomb-fin plant at Lewisburg, Pa. Federal Penitentiary. Prison is currently working on an order for many thousand such fins.

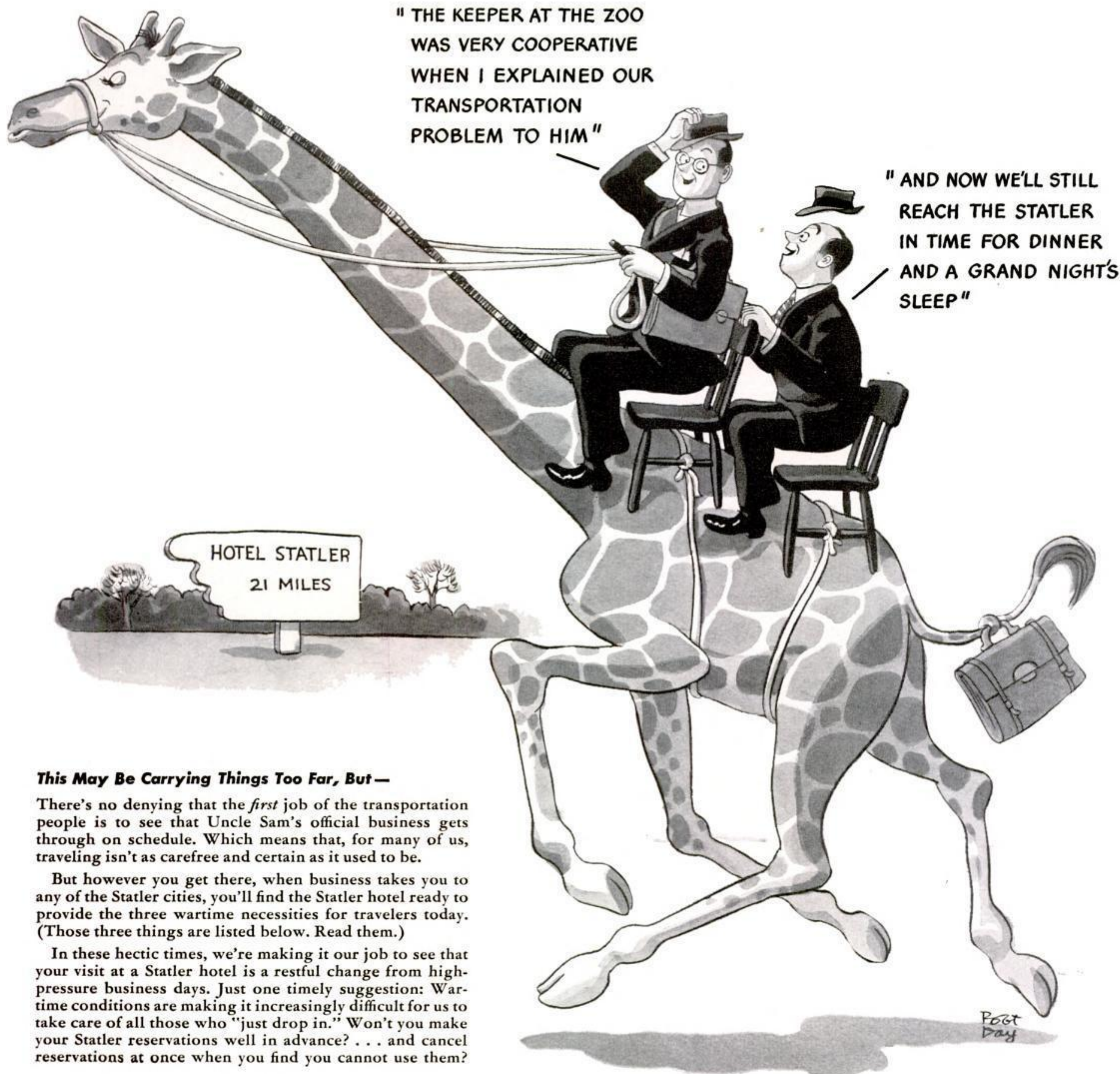


Pieces of bomb fins for 600-lb. bombs are carefully matched together. In addition to the bomb fins, Lewisburg Prison is also turning out steel mess trays for the Army.



Bomb fins are placed in steel cases for shipping. Inmates also have volunteered to donate blood and have purchased \$7,825 in war bonds entirely from prison earnings.

CONTINUED ON PAGE 52



This May Be Carrying Things Too Far, But —

There's no denying that the *first* job of the transportation people is to see that Uncle Sam's official business gets through on schedule. Which means that, for many of us, traveling isn't as carefree and certain as it used to be.

But however you get there, when business takes you to any of the Statler cities, you'll find the Statler hotel ready to provide the three wartime necessities for travelers today. (Those three things are listed below. Read them.)

In these hectic times, we're making it our job to see that your visit at a Statler hotel is a restful change from high-pressure business days. Just one timely suggestion: War-time conditions are making it increasingly difficult for us to take care of all those who "just drop in." Won't you make your Statler reservations well in advance? . . . and cancel reservations at once when you find you cannot use them?

THREE WARTIME NECESSITIES FOR TRAVELERS



WONDERFUL MEALS

Top-quality food, cooked not only for delicious flavor, but with an eye toward vitamins and minerals that keep you fit. Prices are moderate!



WONDERFUL SLEEP

When you're fagged out, there's nothing more luxurious than a night's sleep in a famous Statler bed!



RESTFUL RELAXATION

A little recreation helps raise the spirits, banish worries. So, Statlers provide dancing to famous orchestras . . . and gay Cocktail Lounges.

Statler Hotels

STATLER OPERATED

HOTEL PENNSYLVANIA . . \$3.85
NEW YORK

HOTEL WILLIAM PENN . . \$3.85
PITTSBURGH

HOTELS STATLER IN

BOSTON \$3.85 BUFFALO \$3.30
CLEVELAND \$3.00

DETROIT \$3.00 ST. LOUIS \$2.75
WASHINGTON, D.C. (Now Building)

NOTHING OLD-FASHIONED BUT THE HOSPITALITY

Rates begin at Prices shown

★ YOUR DOLLARS ARE URGENTLY NEEDED FOR U. S. WAR BONDS ★

"Buy with care and do your share to keep the wear in underwear"



"SEAMPRUFE" SAYS:

Easy on the Tinsel!

★ Have beauty as usual for Christmas. But choose useful gifts that will help everyone to conserve and save. Your friends will appreciate this extra thought behind a "Seamprufe" slip . . . its sturdy seams, firm "Shoulder-Eze" straps, long-lasting fit. They know, too, that the "Seamprufe" label is assurance of slips . . . and gowns and panties, too . . . that stay new longer. Look for the label and be sure.

CREPE BACK RAYON SATIN LA RUE WOVEN WITH

Celanese yarn



527—RING THE CHRISTMAS BELL with this trim, tailored "Seamprufe." Tearose, white, black, navy. Sizes 32 to 40. About \$2

632—TRIBUTE TO FEMINITY. Dainty "Seamprufe" frosted with Alencon-type lace. Sizes 32 to 40. Tearose and white. About \$3

0632—MATCHING PANTIES, dusted with lace, to ensemble with the "Seamprufe" slip. 24 to 34 waist. Tearose, white. About \$2

1034—A GOWN FOR HER DREAMS. The deep lace yoke makes this "Seamprufe" look appealingly fragile. Sizes 32 to 38. Tearose and blue. About \$3

SHOP WISELY...BUY WAR BONDS WITH YOUR SAVINGS ON

Seamprufe
TRADE MARK REG. U. S. PAT. OFF.

Ask your favorite lingerie department, or write Seamprufe, Dept. L-12, 148 Madison Avenue, New York, for your free "Libretto of New Slip Fashions."

Prison War Work (continued)



Red Cross surgical dressing class is held regularly every Monday evening at Alderson (W. Va.) Reformatory for Women. Attendance is voluntary and is usually 100%.

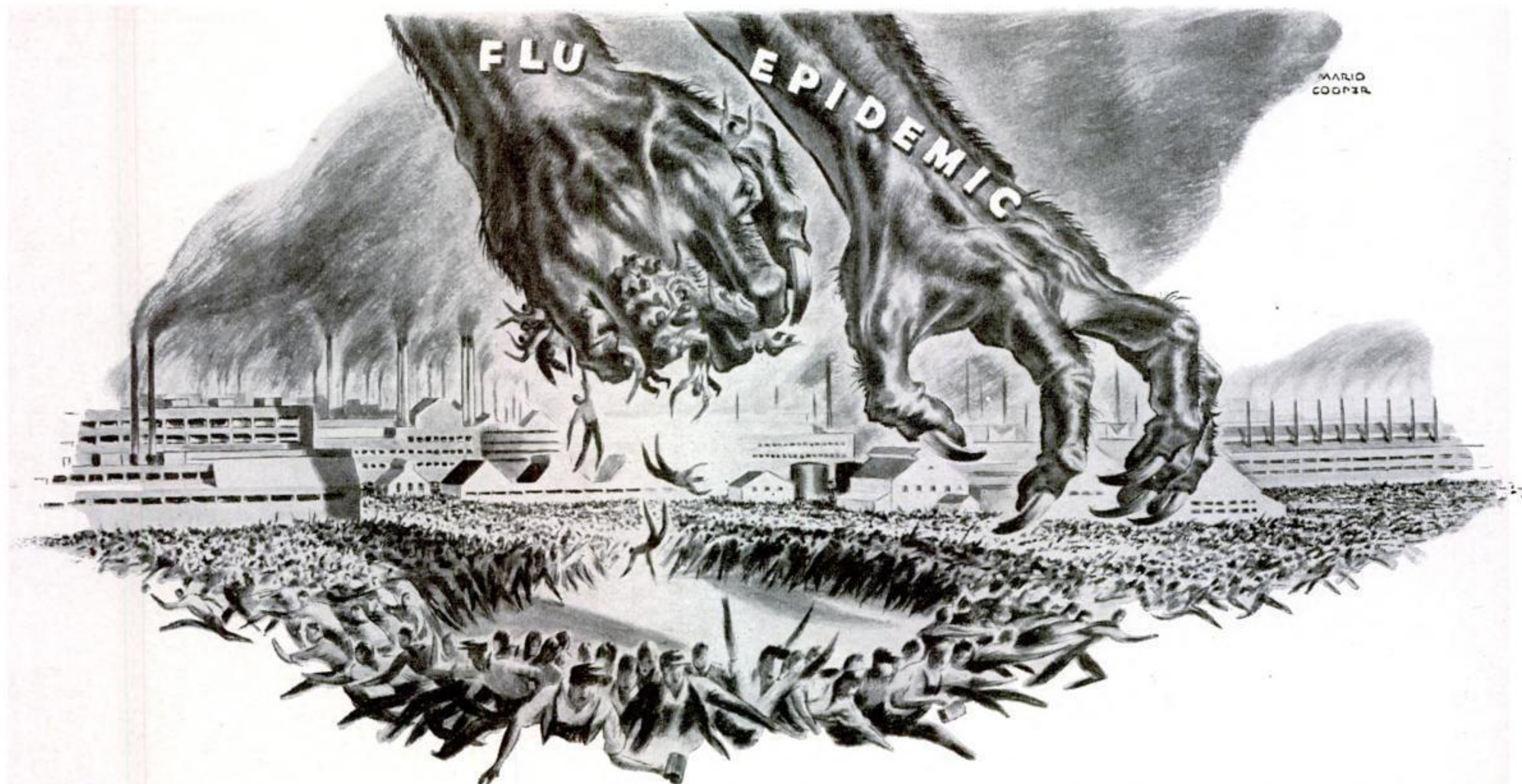


Cloth for bandoleers is cut out by a cutting machine, manned by an inmate. Alderson has made 25,000 bandoleers for the Frankfort Arsenal, is making 90,000 more.



Bandoleer material is carefully pressed before stitching. The rate of production has been 65 dozen bandoleers a day. Alderson also used to make parachutes for flares.

CONTINUED ON PAGE 54



It almost stopped the works in 1918!

... IT MUST NOT HAPPEN NOW!

Remember 1918! Hundreds of Thousands Dead from the "flu". Twenty million of our people stricken! It happened then... it could happen NOW!

☆ ☆ ☆

With our war industries needing every man and woman at their work, an epidemic *NOW* could be a national tragedy. Now, more than ever before, it is patriotic to keep well... and on the job!

With so many of our doctors and nurses serving with the armed forces, an epidemic here at home could spread rapidly... paralyze our war industries, spread to the men in camps... cruelly delay Victory.

It must not happen now. That is why our Government is telling us to "keep well", "avoid fatigue", "eat nourishing foods"... "guard against contagion."

Contagion can spread in various ways. Public Health authorities recognize that one of the dangerous avenues for the spread of "flu", trench mouth, common colds, and other even more vicious diseases is mouth contact with anything that has touched the lips of others.

DIXIE CUPS, used but once and thrown away, are breaking this likely chain of contagion... are a vital health protector... especially in time of war.

This is no time to flirt with contagion. So when you drink in public, don't relax your peacetime health precautions. Continue to say—"Please serve mine in a DIXIE CUP."

☆ ☆ ☆

Product of DIXIE-VORTEX COMPANY,
EASTON, PA. • CHICAGO, ILL. • TORONTO, CANADA
Member of The Cup and Container Institute



"No Lips but Yours"

DIXIE

ONE OF THE VITAL HEALTH

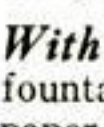
CUPS

DEFENSES OF AMERICA-AT-WAR

A few of the places where Dixies are serving war-time America...



With the Army. Dixie Cups are used aboard our big bombers and transport planes. They are also used to protect the health of the men at the canteens and at recreation spots near camps.



With the Navy. All navy soda fountains aboard ships serve in paper cups.



In Construction Camps, at Naval bases, arsenals, ammunition dumps, airplane factories and other war construction projects, they are used to bring water to the men on the job. The water bucket and unsanitary dipper are dangerous relics of the past.



In Factories, working under pressure of war demands, workers are brought hot foods, between-meal snacks and refreshing drinks in Dixies—to keep the human machine at its peak of performance.

Plant cafeterias, feeding workers by the millions, are finding Dixie Cups the ideal solution to handling the tremendous serving problem. Dixies eliminate the hazard of careless dishwashing, serve the workers quickly, safely and without the accident and sabotage potential present with glass or crockery.

In soda fountains everywhere, labor shortage and urgency of health precautions are causing a tremendous swing to service in single-use paper cups—DIXIES.

☆

On many fronts, on trains, in the air, in offices and public buildings Dixies are helping to protect the health of America's warriors, workers and civilians. The paper cup has truly become a war-time necessity.

—BUY U. S. WAR BONDS—



Santa Claus prefers BERKSHIRE STOCKINGS

The loveliest gift you can ever give is the one a woman would choose for herself. And since so many well-dressed women delight in the beauty of Berkshire Stockings... Santa's first choice is Berkshires for Christmas. Long-wearing, trim, and fashion-correct, Berkshire Stockings are a gift to remember and be remembered by.*

*P. S. When buying Berkshires for someone else, don't forget about yourself.



BERKSHIRE KNITTING MILLS
Reading, Penna.



an old pipe ...
an arm chair ...
your leather jacket, too

THERE'S SOMETHING personal about a man's leather jacket. It's the partner of his pleasant hours, and a world of protection as he goes about his daily tasks. Choose yours with care. The best advice we can give is to insist on a *Monarch* jacket... for we know the skilled workmanship and superior materials that go into any jacket we make. Get one for sonny, too—just like yours. He'll appreciate it tremendously! Look for the Monarch label... the unfailing guide to better outdoor garments.

► Write Monarch, 333 E. Chicago St., Milwaukee for name of Monarch retailer in your community.



Makers of leather and fabric jackets for men and boys • Fingertip and leisure coats.

Prison War Work (continued)



Tin cans are salvaged by San Quentin's Buster Haley, lifer, chief of salvage section. Haley has written Roosevelt, asking permission for his three Army sons to visit him.



Cargo of copper cable from Pearl Harbor is unloaded by San Quentin inmates for reclaiming. Free laborers object to this strenuous work but prisoners do it willingly.



Bales of jute are unloaded from trucks on San Quentin waterfront. Jute warp and jute bags are used by both Army and Navy for sandbags and for camouflage work.

CONTINUED ON PAGE 56

Sometimes, husbands ARE like that!



It all started at the dinner table; like this...

Mrs. Garrett: Pet, I had lunch over at Louise Daniels' today.

Mr. Garrett: (reading the paper) Mmm...mm.

Mrs. G.: She had the best hot drink. I'd never tasted it before.

Mr. G.: Mmm...mm.

Mrs. G.: We're having it tonight, instead of coffee. You've been drinking too much coffee, anyway.

Mr. G.: (coming out from behind the paper)...Whazzat?

Mrs. G.: I say, we're having Postum tonight, instead of coffee. It's awfully good, and I think you'll like it as well as I do.

Mr. G.: Nix. No coffee substitutes for me.

Mrs. G.: But it's not a coffee substitute, dear. Why, the first sip of it I had...

Mr. G.: DON'T TELL ME! Bob Work tried it. Said it doesn't taste anything like coffee.

Mrs. G.: Of course not. It's not supposed to taste like coffee—any more than you'd expect coffee to taste like tea. It's a delicious drink in its own right.

Mr. G.: (retiring behind paper) Mmm...mm.

Mrs. G.: You ought to try it, dear. Louise told me that Postum is now one of the great mealtime drinks—that millions of Americans drink it regularly.

Mr. G.: Mmm...mm.

Mrs. G.: Besides, it costs less than half a cent a cup. And that's something these days, considering coffee prices—and that you can't buy all the coffee you want now, either!

Mr. G.: Mmm...mm.

Mrs. G.: Really, Ted, you're being difficult. I tell you Postum is a grand drink, and you're not even open-minded enough to try it. You, and your logical mind! Once you get a wrong idea in your head, you refuse to budge. Ted Garrett, you might just as well be an ostrich, and stick your head in the floor. So there!

And what was the result of this little tiff?

Mrs. G., being a sensible woman, is going right on enjoying Postum every day. Not only because she likes it. But because she knows there is nothing harmful in it.

And Mr. G.? Well, for all we know, like an ostrich, he still has his head stuck in the dining-room floor.

POSTUM



One of America's Great Mealtime Drinks

☆ Tune in "The Aldrich Family," Thursday nights, NBC Network. One of America's great radio programs, written by Clifford Goldsmith, sponsored by Postum.



TRISCUIT comes to the holiday party

It's a new, exciting *lift* for any party spread. TRISCUIT are thin, crisp, zesty-seasoned wafers of whole wheat strands, toasted brown. With drinks and salads and soup—just "as is" or spread with cheese or other canape spreads. *They stay crisp* under any toppings.

Try your first TRISCUIT—then try to stop. Order the double package, containing 6 modern party recipes.

RECIPE FOR A GRAND PARTY SPREAD
Soften 3 oz. cream cheese with milk. Add dash of tabasco and tablespoon chopped chives. Blend well. Spread on TRISCUIT and top with shrimp. Makes 16 wonder canapes.



Baked by NABISCO . . . NATIONAL BISCUIT COMPANY



Keep Strong . . . to Keep America Strong



HERE'S 3-WAY HELP
in making light meals, balanced meals
Minerals, Vitamins (B and G)—for energy
Carbohydrates—to rebuild
Laxative Effect—to sweep away poisons
all in one wholesome fruit juice

SUNSWEET PRUNE JUICE

The Growers' Own Brand



—AND HERE'S 3 MORE WAYS TO DELIGHT THE FAMILY

MOTT'S CIDER—adds zip to between meal snacks
MOTT'S JELLY—a new Dual-flavor idea; apple-pineapple or seven other combinations
MOTT'S APPLE SAUCE—made from orchard-ripened fruit

3 OF THE FAMOUS **MOTT'S PRODUCTS**
Produced by the Distributors of Sunsweet Prune Juice



Prison War Work (continued)



Mattress covers are stitched by a long line of prisoners at San Quentin. The prison's contract with the Navy calls for 40,000 such covers, and production is 2,500 a week.

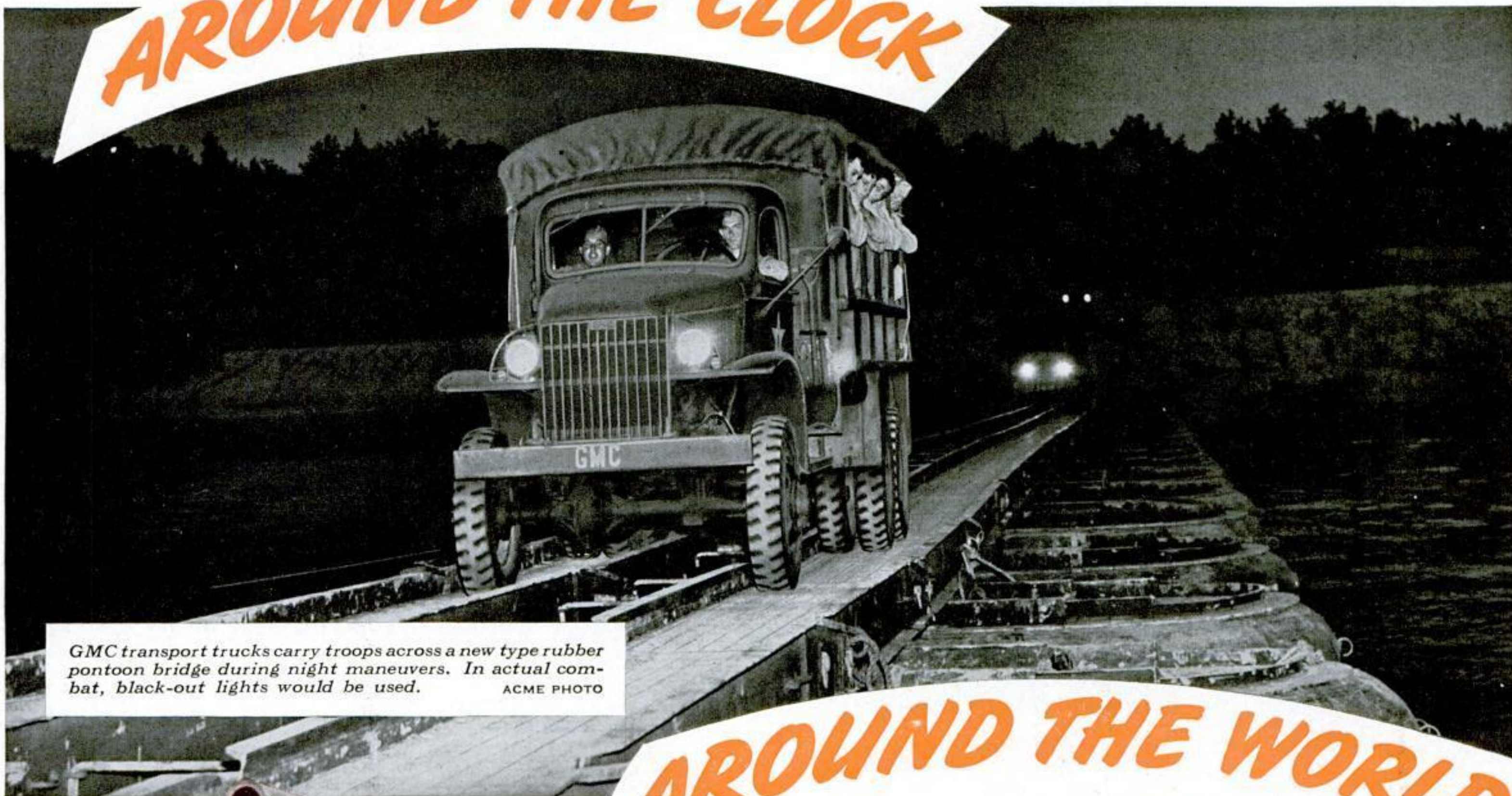


A shoe sole is buffed as part of a San Quentin contract to repair shoes for the Navy and California State Guard. Line of shoes at right is fraction of a weekend's work.



Cafeteria compartment trays for the Navy are quickly turned out on San Quentin's metal presses. Already 10,000 have been made and 90,000 more are soon to follow.

AROUND THE CLOCK



GMC transport trucks carry troops across a new type rubber pontoon bridge during night maneuvers. In actual combat, black-out lights would be used. ACME PHOTO

AROUND THE WORLD



Warmly clothed against Iceland's cold, U. S. Artillery unit holds target practice with 105 mm. howitzer. GMC truck pulls gun, carries crew and ammunition. ACME PHOTO

Around the clock, all around the world, GMC military vehicles are helping to turn the tide against the Axis. Whenever truck power is needed—to move men up front or back up men at the front—you'll find GMCs on the job 24 hours a day. From Alaska to Australia, from London to Libya, United

Nations soldiers depend upon GMCs for much of their food, fuel and fighting equipment. All over America, too, commercial GMC trucks and Yellow Coaches are working night and day helping to carry peak loads of materials and workers to arsenals, shipyards and vital war production plants.

★ ★ ★ ★ ★ ★ ★ ★ ★ ★
 Truck operators can render an important service to their country by joining the U. S. Truck Conservation Corps, and by doing everything possible to prolong the life of their equipment. GMC dealers everywhere are pledged to help you carry out this truck maintenance program.



GENERAL MOTORS TRUCK & COACH

DIVISION OF YELLOW TRUCK & COACH MANUFACTURING COMPANY

Home of GMC Trucks and Yellow Coaches • • • Manufacturer of a Wide Variety of Military Vehicles for our Armed Forces

A MESSAGE OF

WE NEVER quite realize how much we lean on the brand names and trade-marks of the things we use in our daily life, until we begin to miss them.

We see them every day in our drugstore, grocery, delicatessen, or liquor store. The labels and wrappers get to be old familiar faces. And we get to know just what to expect in price and quality and satisfaction.

But when war steps in . . . and there have to be new types of packages to save tin . . . and new labels, new sizes, new prices, perhaps even substitutes because of material shortages, we can't escape a little sense of uncertainty.

To every user of fine whiskies the familiar names and labels of OLD GRAND-DAD, OLD TAYLOR, OLD CROW, OLD OVERHOLT and MOUNT VERNON speak a message of confidence.

Even in war-time the strict U. S. Government regulations specifying how bottled-in-bond whiskies shall be produced, are not changed.

And as long as there is fine whiskey, these five labels will loom up as landmarks to say, "Here is superlative quality, unchanged and unchanging!"

You may have to pay a trifle more as war-time taxes are added to the price . . . but if it was worth more before to have that quality, it's doubly worth it now!

OLD GRAND-DAD

KENTUCKY STRAIGHT BOURBON WHISKEY

OLD TAYLOR

KENTUCKY STRAIGHT BOURBON WHISKEY

OLD CROW

KENTUCKY STRAIGHT WHISKEY—RYE OR BOURBON

MOUNT VERNON

BRAND
STRAIGHT RYE WHISKEY

OLD OVERHOLT

STRAIGHT RYE WHISKEY



CONFIDENCE



A typical National Distillers plant. No other whiskey but Old Taylor has ever been made here.



*Give her a **War Bond**
and you give her the best*



**For 35 years at Christmas time it has been
“Give her a Hoover and you give her the best.”**

Today few Hoover Cleaners are available. The Hoover Company is not making electric cleaners now; it is making materials of war.

This Christmas a War Bond is just about the finest present we can think of.

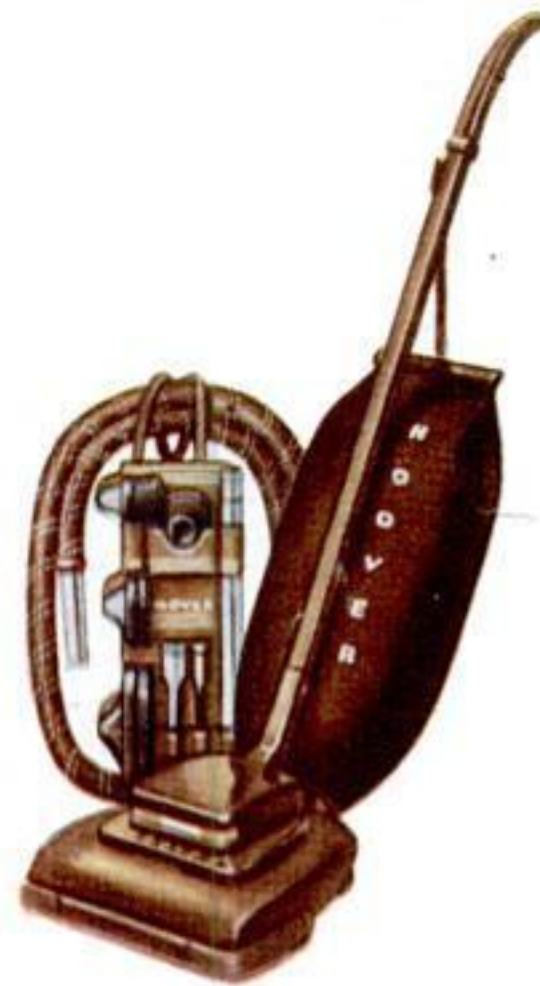
Some day there'll be a Victory. . . . Some day those War Bonds will turn into U. S. currency.

Now, let them stand for the money you're saving

from the things you can't buy—the money you'll have when the Good Day comes to pay for new electric cleaners and automobiles and refrigerators and stoves.

Then again we'll say when Christmas rolls 'round:

*“Give her a **HOOVER** and
you give her the best”*



The HOOVER

REG. U. S. PAT. OFF.

IT BEATS...AS IT SWEEPS...AS IT CLEANS

THE HOOVER COMPANY, North Canton, Ohio

"THE PALM BEACH STORY"

Comedy on a train featured in Preston Sturges movie

Preston Sturges, as a director, has a strong fancy for trains. In *Sullivan's Travels* he had a great railroad yard sequence in which an old tramp was killed by a streamliner, and later Joel McCrea and Veronica Lake spent much time in freight cars. Now in his newest Paramount picture, *The Palm Beach Story*, Preston Sturges has again picked out a railroad car—a private Pullman to Florida—for a wild and slapstick farce. Claudette Colbert fleeing from her husband in New York finds herself in Pennsylvania Station without any money. Here she is taken in tow by the millionaire members of the Ale & Quail Club who are going south for their annual shoot-'em-up and drink-'em-down vacation. What happens on the train makes one of the funniest sequences to come from Hollywood in a long time.

Of no less importance is the emergence of Rudy Vallee as a nonsinging character actor. Playing the richest man in the world who believes that it is undemocratic to give more than a 10¢ tip and un-American to ride in a drawing room, Vallee shows that he has come a long way from his crooning of the *Maine Stein Song* and his early film attempts at playing the band-leading hero. As John D. Hackensacker III, Vallee, playing straight comedy, rescues Claudette Colbert from the pyrotechnics of the Ale & Quail Club, takes her to Palm Beach on his yacht.



Escaping from her husband, Gerry Jeffers (Claudette Colbert) stands at gate of the Florida Special without any money. The Ale & Quail Club (note dogs) takes her along with them.



In their private car the members of the Ale & Quail Club sing some old hunting songs to the mixed accompaniment of plenty of scotch, piano and the protests of the conductor.



Target practice at imaginary birds is meanwhile being carried on in the lounge of the private car. Betting on their shots, the members put in real shells, break windows in the car.



Almost asleep in her compartment Gerry is startled by the appearance of all but two members of the club who have come to serenade her to sleep with a rendition of *Sweet Adeline*.



The frightened bartender, pail on head, comes up from his hiding place behind bar and is forced to throw crackers up for the men to shoot at. They miss crackers, hit everything else.



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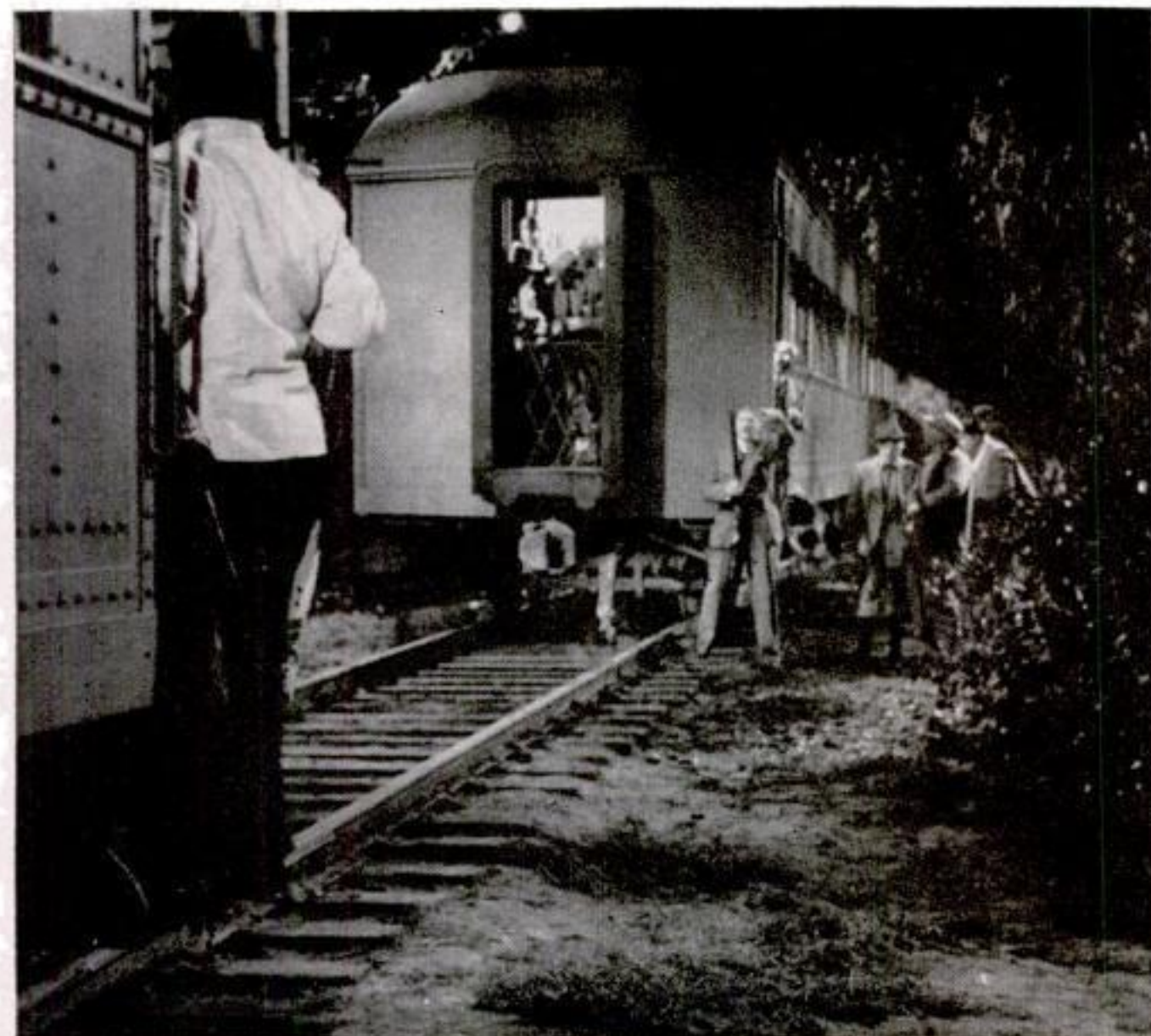




Through the gunsmoke, Gerry tries to stop the brawl, but the other club members have joined in the shooting match and she flees madly to another car in her pajamas.



Forming a posse, club members led by eight dogs hunt through the sleepers for Gerry. As the frightened passengers stick out their heads, the dogs lick them in the face.



Disconnected from the train by angry railroad officials, the noisy Ale & Quail Club in its cyclonic private car is parked on a siding to cool off for the rest of the night.

CONTINUED ON NEXT PAGE

"STILL SMOKING THOSE
OLD-FASHIONED CIGARETTES,
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ON THE LEVEL, Larry, the cigarette for a modern man like you is Regent. It's King Size...more than 20% longer than those ancient "shorties"...gives lots more value!

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"The Palm Beach Story" (continued)



Struggling into an upper berth without the help of a stepladder, Gerry fumbles for a place to put her foot, finally puts it in face of an inquisitive passenger (Rudy Vallee).



Safe in bed, Gerry leans down to apologize to the passenger in lower berth. In getting up she smashed two pairs of pince-nez right in his face. But he is rich, doesn't mind.

CONTINUED ON PAGE 67

Keeping Beauty and Romance Alive

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"The Palm Beach Story" (continued)



The next morning, Gerry discovers her suitcase is missing. Her fellow passenger from the lower berth offers to round up some clothes from the other women in the train.



At breakfast, Gerry comes to diner in clothes she has fashioned from her pajama top and a Pullman blanket. Later John D. Hackensacker III buys her a new wardrobe.



On his yacht, John D. Hackensacker III shows Gerry his little black book in which he writes down the amount of everything he buys, but never bothers to add the total.

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* Govt. figures show all-time smoking peak



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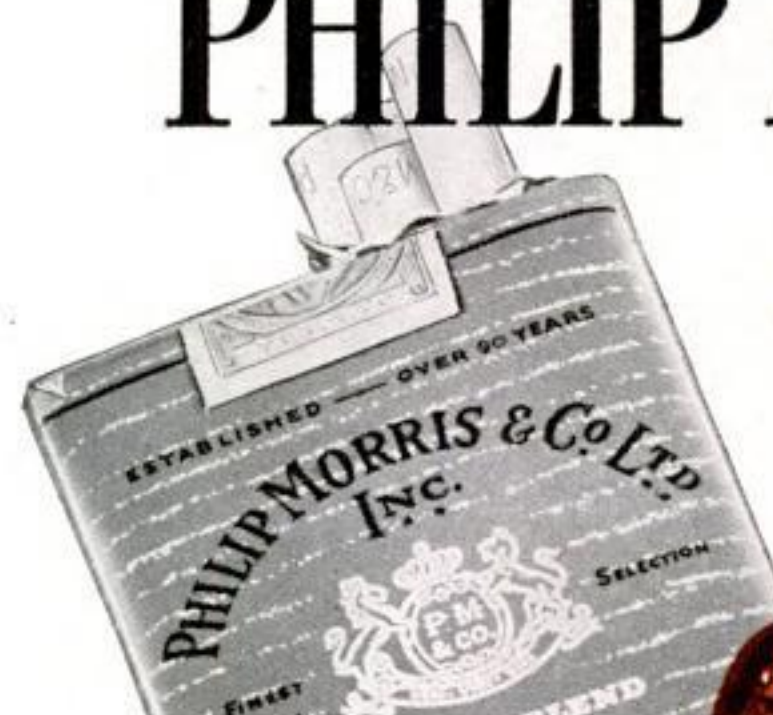
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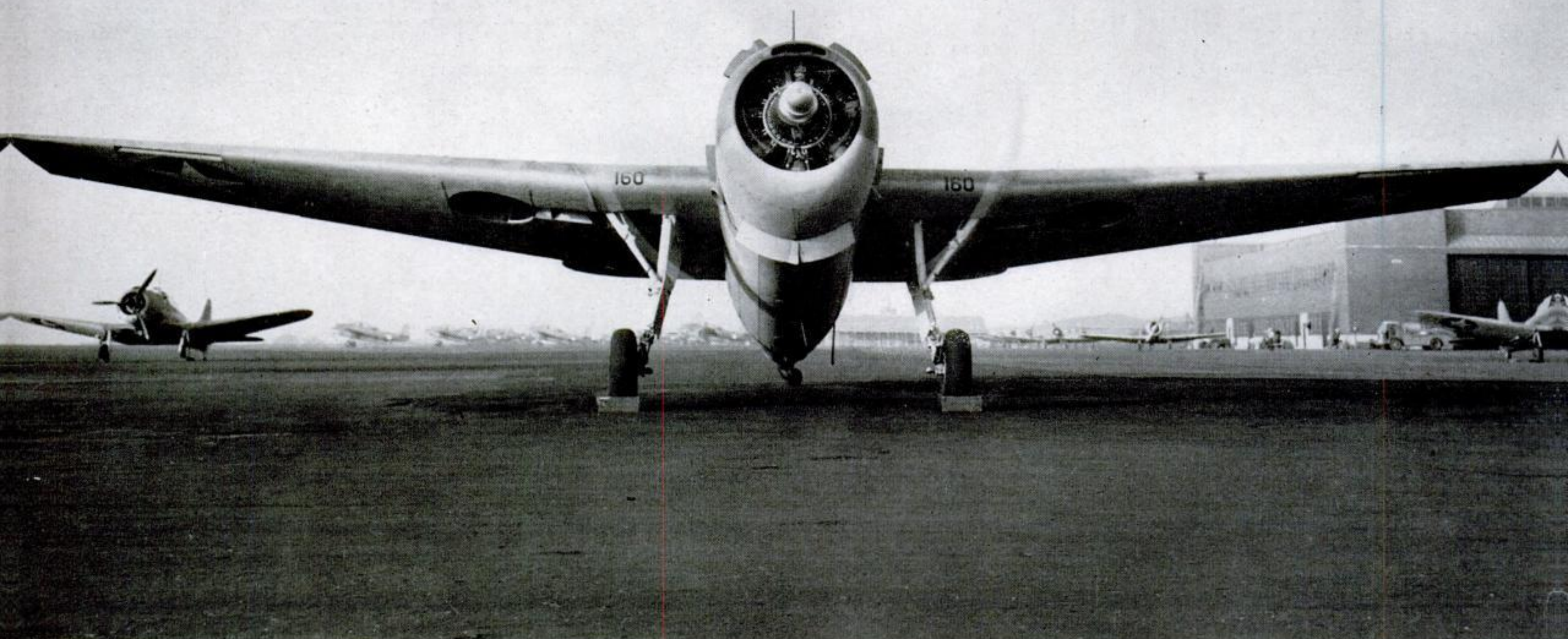
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The TBF, built by Grumman and called "Avenger," is a practical plane. It carries a crew of three—pilot, turret gunner and tail gunner. When used as a torpedo plane, pilot releases the

torpedo from his compartment. When it serves as a glide bomber, tail gunner acts as bombardier and drops the bombs. These planes are replacing old Douglas TBD's on all U.S. carriers.



Torpedo is dropped from low altitude above the water a little ahead of the target. Torpedo is headed for target when dropped and will automatically hold its course to hit ship underwater.



Torpedo hits the water, sending up a cloud of white spray. Now its directive motor will start and send the torpedo toward the target, while the gyroscope holds it to its course.

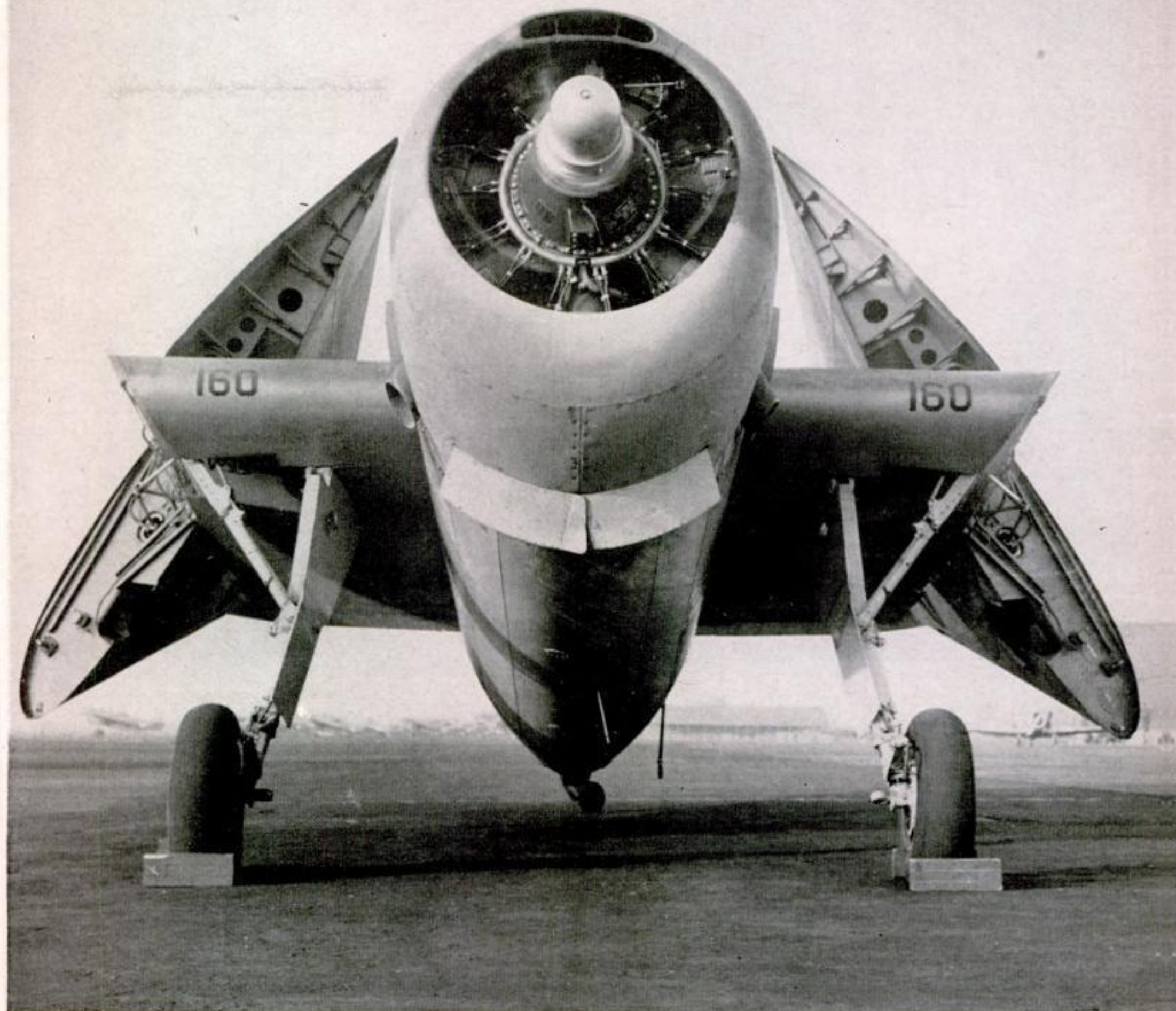
TORPEDO BOMBERS

They are the aerial scourge of ships

The most effective way to destroy capital ships through air attack is by the use of torpedo bombers. These planes approach their target from all directions and launch their deadly missiles in such an inexorable pattern that the ship cannot turn away. The torpedoes, guided by their own motors and gyroscopes, hit the ship below the waterline and, in great explosive blasts, rip her steel hull plates wide apart. Aerial torpedoes sent the proud British battleships *Prince of Wales* and *Repulse* to the bottom off the Malay coast and it was torpedo bombers that finally crippled the "unsinkable" German battleship *Bismarck*.

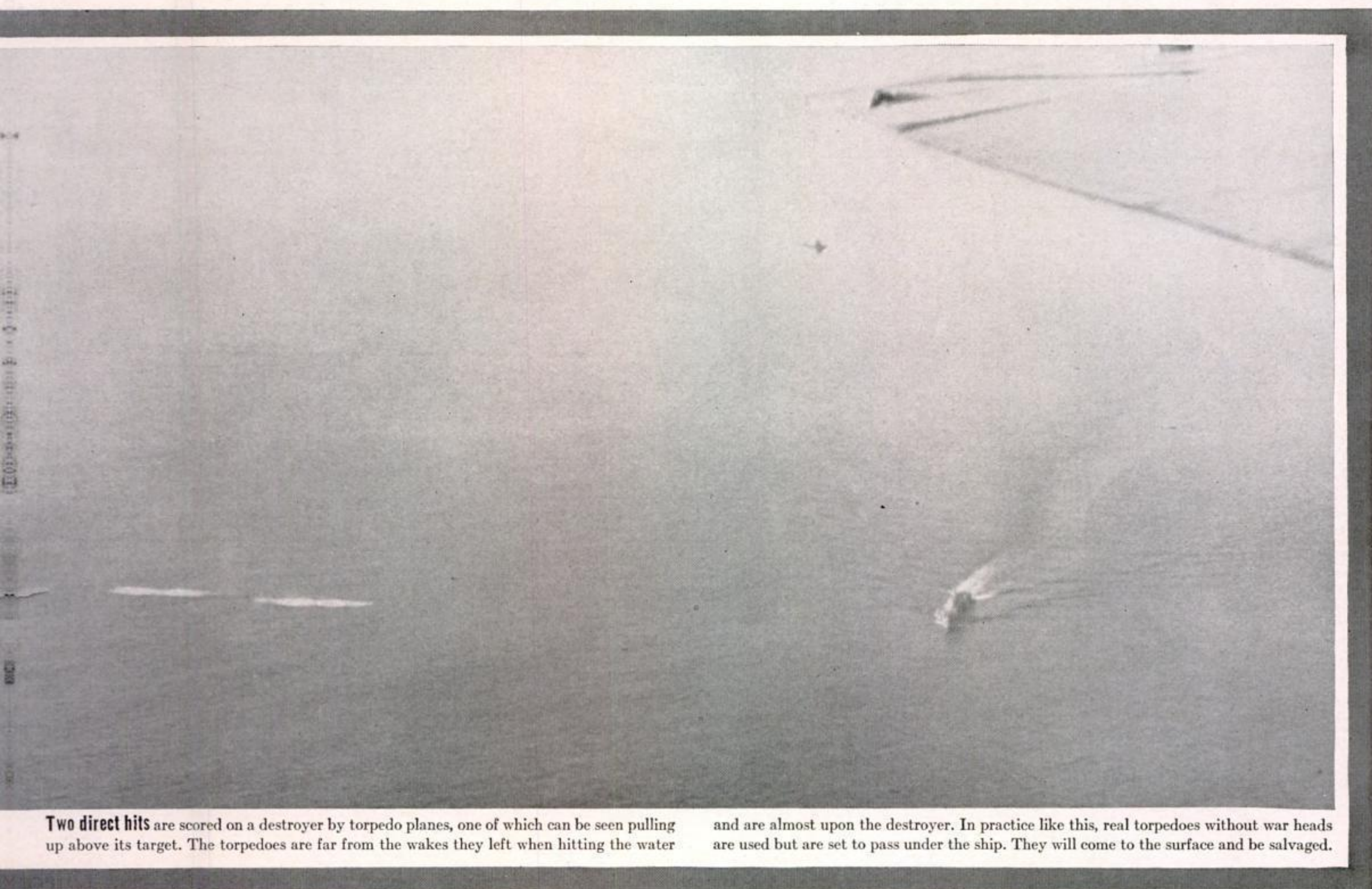
The new American torpedo bomber, the Grumman TBF "Avenger," is the most efficient plane ever built for that purpose. It first appeared at the battle of Midway and has since been used with devastating effect in the Solomon Islands. It is fast, sturdy and deadly. Carrying three men and a 1,950-lb. torpedo, its high speed enables it to get in, drop its torpedo, and get out of gun range quickly. Its torpedo bay can also be rigged to carry a ton of bombs so the "Avenger," fitted with a bombsight, plays a double role as a glide bomber.

Torpedo bombing is a hazardous business. The planes come in at their target at a very low altitude for a great distance, vulnerable to every gun carried by a warship. They must avoid tremendous columns of water thrown up by the ship's heavy shells, brave a hail of point-blank anti-aircraft fire and press in straight and true until they are sure that their torpedoes will hit the mark. Then those who have survived the murderous barrage will probably face enemy fighter planes on their way back to the carrier.



With wings folded, the TBF looks like some strange bird at roost. Wings can be hydraulically folded in a few seconds'

time and the planes quickly stored on hangar deck. Bay at bottom of fuselage opens up to hold the long, heavy torpedo.



Two direct hits are scored on a destroyer by torpedo planes, one of which can be seen pulling up above its target. The torpedoes are far from the wakes they left when hitting the water

and are almost upon the destroyer. In practice like this, real torpedoes without war heads are used but are set to pass under the ship. They will come to the surface and be salvaged.

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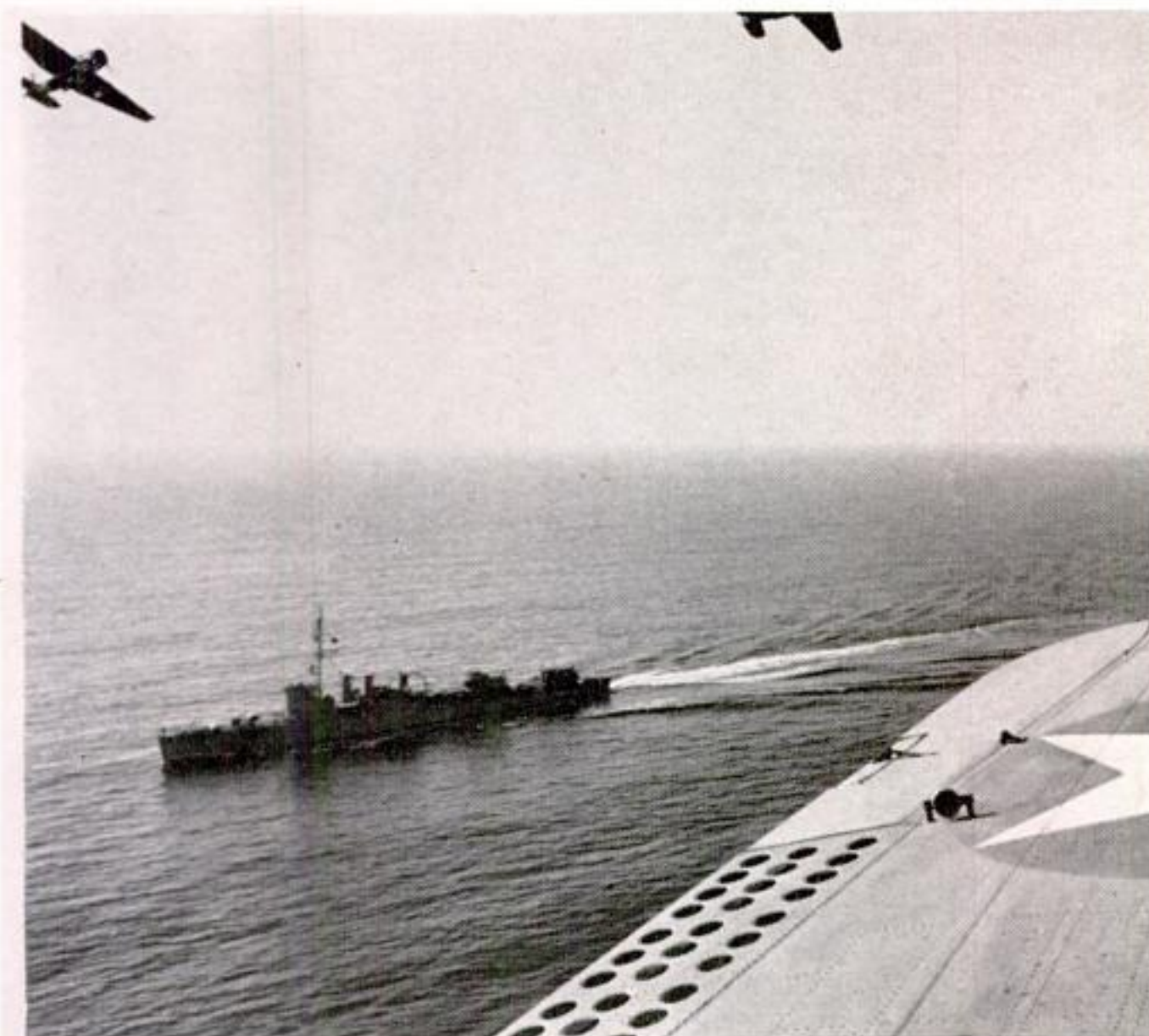
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Torpedo is wheeled to be loaded in plane. These torpedoes work on same principle as a submarine's but are heavier so they will not break when dropped in the water.



Torpedo sometimes breaches after hitting the water. Here one has hit, leaped out to hit again and then continue on its underwater course. Navy calls this "porpoising."



Planes climb away steeply above the destroyer after their torpedo run is finished. This is a vulnerable moment, for they present perfect belly targets to ship's gunners.

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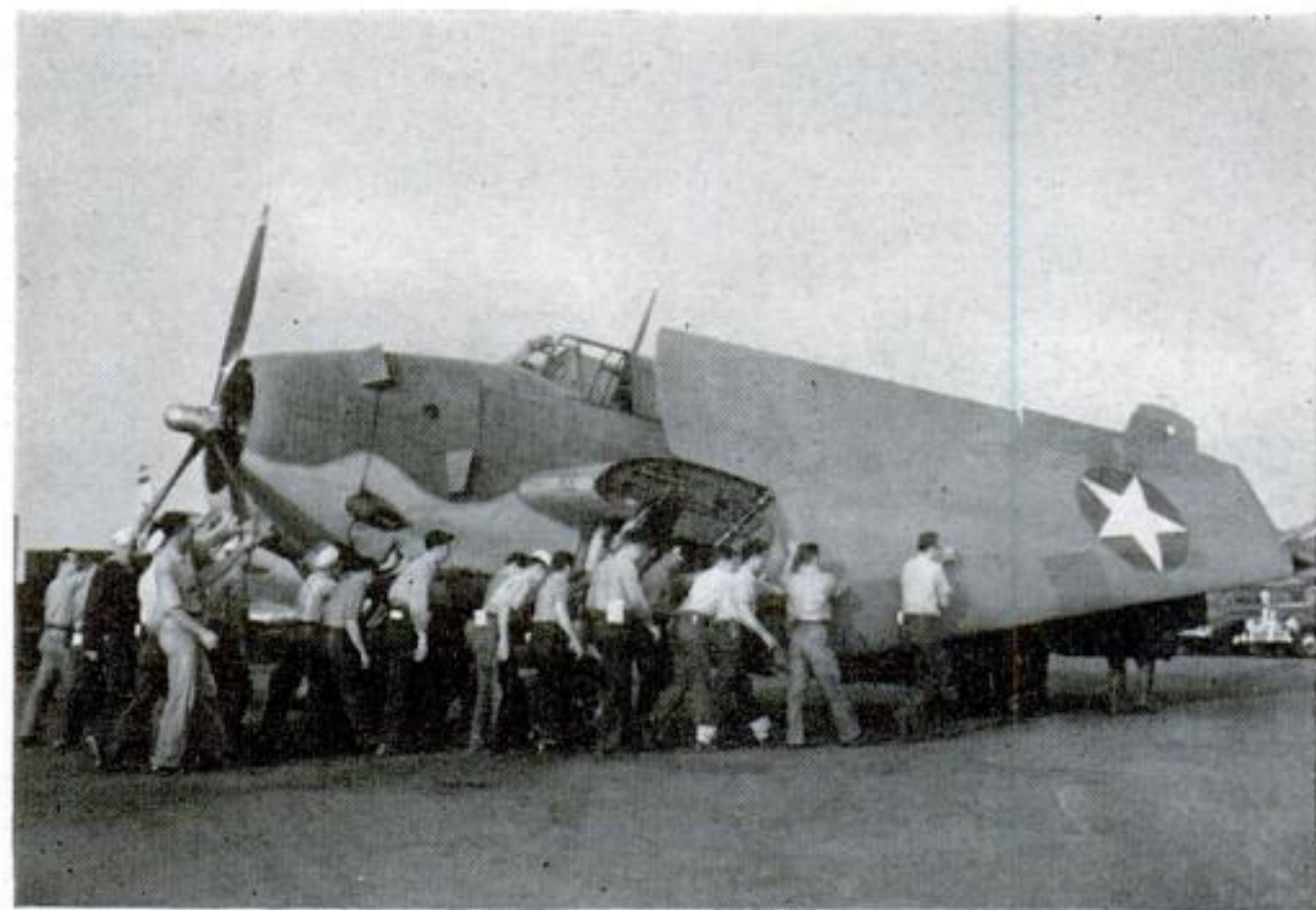
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Torpedo Bombers (continued)



The TBF is big as it must have room and power to carry heavy torpedoes at high speeds. The men above are pushing torpedo plane at a West Coast naval air station.

TORPEDO PILOTS MUST LEARN TACTICS

In an aerial torpedo attack, planes do not drop their torpedoes haphazardly hoping that one will be lucky enough to hit the target. Each attack is carefully conceived and perfectly timed. Rendezvousing with his squadron out of gun range ahead of the enemy fleet, the squadron commander sizes up the situation, notes the direction, speed and surrounding protection of his target and then disposes his planes for the attack. He tries to box the target with torpedo planes, so that no matter which way the ship turns it will be hit. He must also calculate the probable number of planes he will lose and send in enough from each attack angle so that at least one plane will get its torpedo to the mark.

These tactics are taught to student torpedo pilots in advanced carrier training groups at naval air stations by instructors who have tested them under fire. Students practice them on friendly ships for weeks until they are perfectly coordinated and their instructor feels they are properly expert to help execute the most complicated attack against enemy men-of-war.



Students listen to their instructor who is telling them how he wants them to split up and attack a target. Next they will take to their planes and try the torpedo tactic.

CONTINUED ON PAGE 74



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Ever try to Lick a Williwaw?



You haven't won a great naval battle when you've beaten a williwaw.

But up in Alaska you may have helped win a war.

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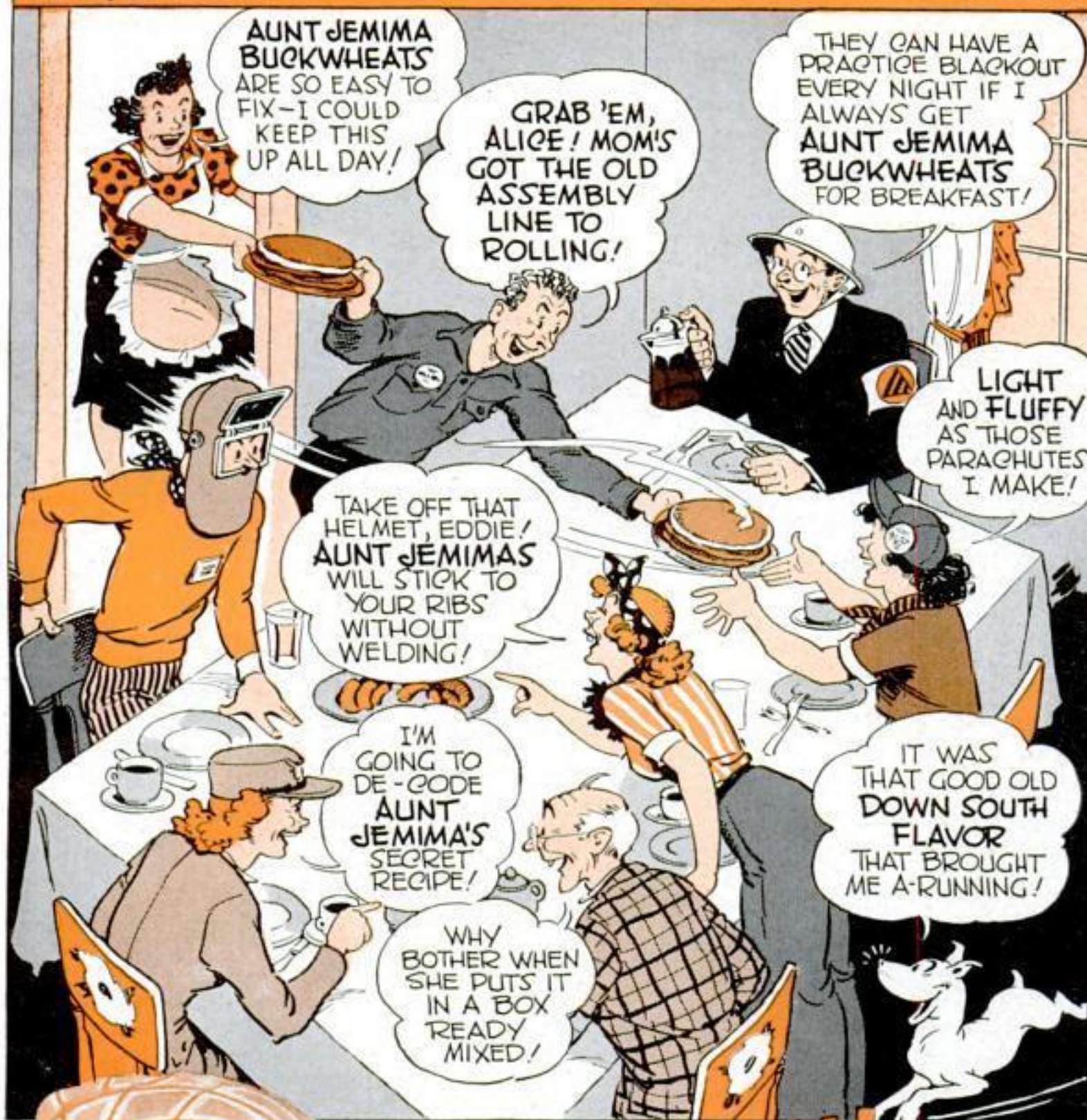


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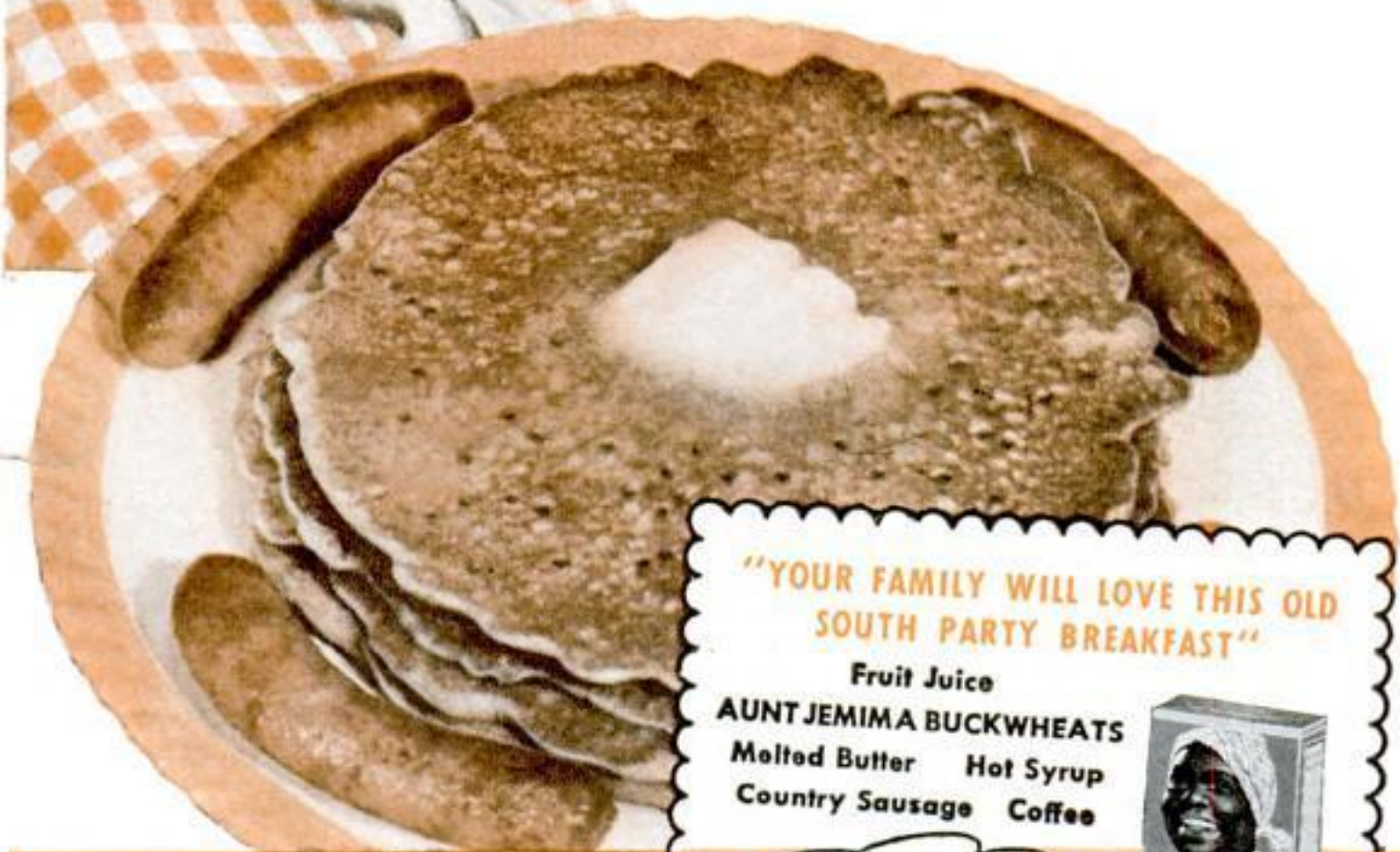
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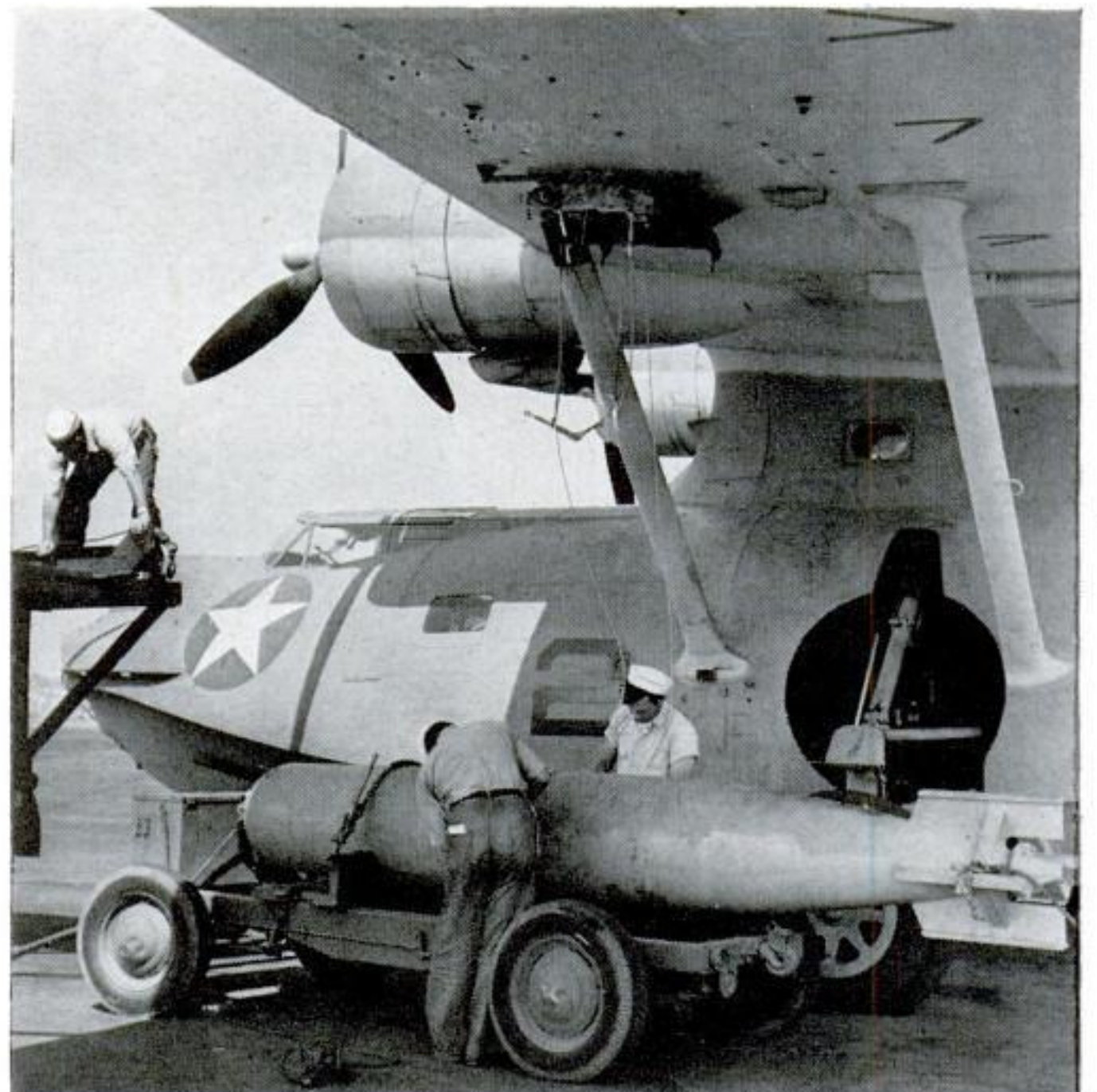
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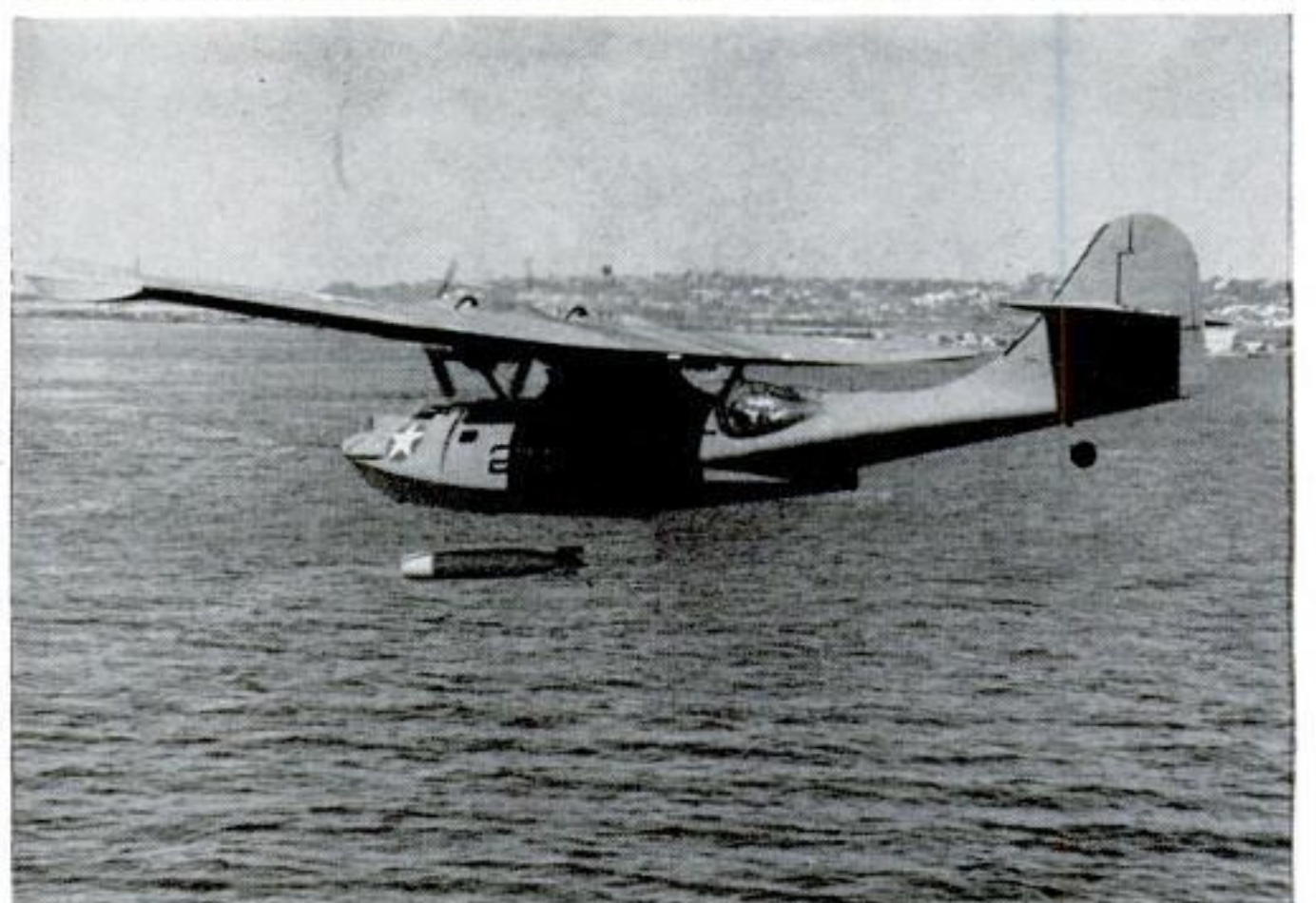
Torpedo Bombers (continued)



PBV patrol planes are also used for torpedo attacks, usually at night against lightly armed auxiliary ships. At Midway, PBV's sank two Jap transports with torpedoes.



Practice torpedo is affixed to rack beneath wing. Patrol planes can carry two torpedoes or two large bombs in wing racks. Torpedo above is a dummy used in practice.



PBV drops a torpedo in practice run. Because they are slow, these planes are used for attacks only when element of surprise is great enough to assure comparative safety.

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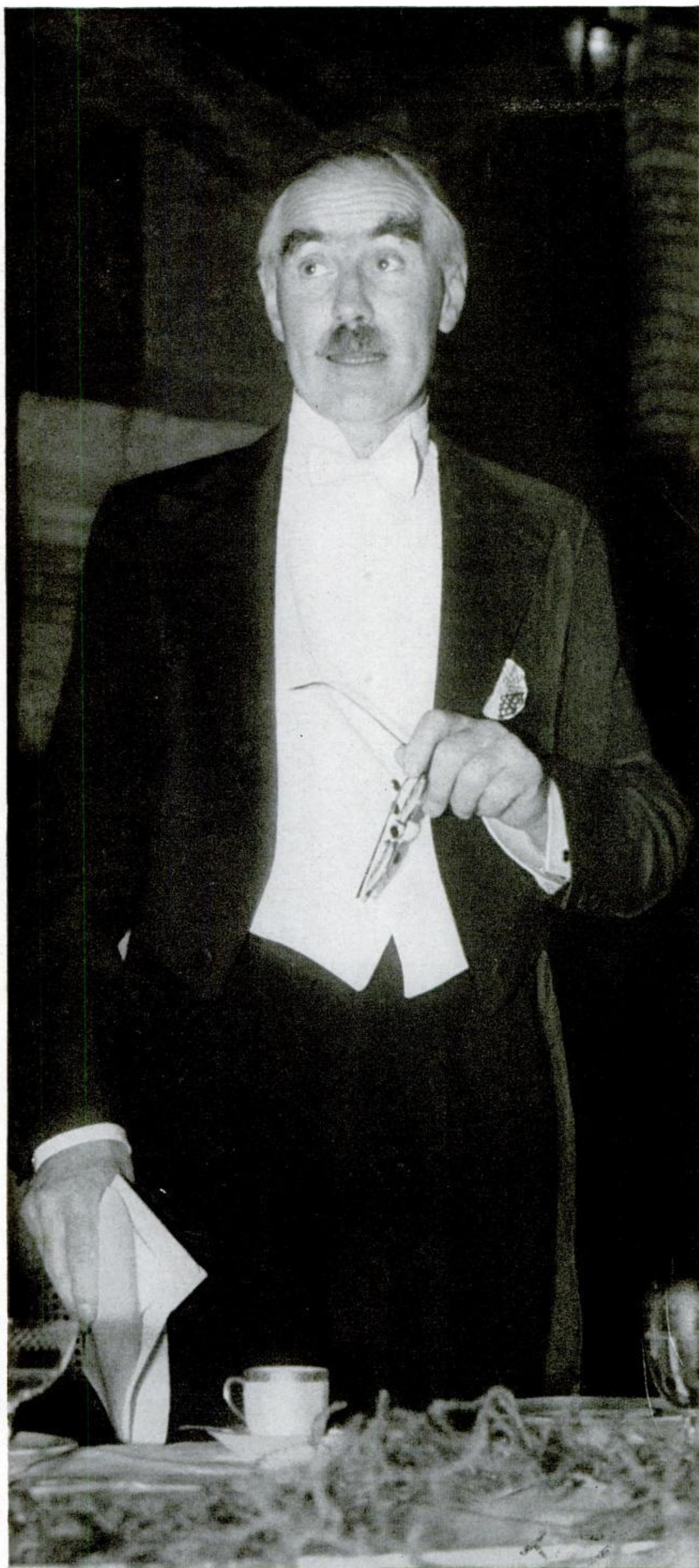


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Joseph C. Grew served as U. S. Ambassador to Japan from 1932 until war came. He repeatedly warned our Government of the danger of sudden attack. Now he says: "A primary axiom of war is to know your enemy. The American people, as a whole, are dangerously ill-informed regarding the strength of one of our enemies—Japan."

REPORT FROM T O K Y O

An Ambassador warns of Japan's strength

by JOSEPH C. GREW

Since his return to this country from Japan last August, Joseph C. Grew has been addressing the American people to warn them that they must not underestimate the determination and the resourcefulness of the Japanese. *Report From Tokyo*, a book based on speeches delivered by him since his return, will be published by Simon & Schuster on Dec. 7, the anniversary of Pearl Harbor. On these pages LIFE presents extracts from that book.

There are many questions which we have been asking ourselves since the grim forenoon of December 7, 1941. Some of these questions will be answered only by the historians of the far future. Why did Japan attack the United States and the British Commonwealth of Nations? Why did the Japanese wish to destroy us? Why did they risk the venture of war with our peoples, who are known for industrial power and for potential military capacity? Did the Japanese indeed make the most monumental miscalculation in all history? Are they foolish fanatics who have chosen a suicidal war as the only way out from their humiliation by Chinese resistance? Questions such as these have been asked me ever since my return from Tokyo.

I fear, alas, that no man living could answer all of these questions. If there is anyone who knows all the answers, I for one would like to learn from him. I know that there are many important points about the Japanese mind and spirit which have puzzled and troubled me, and which are probably not clear to the Japanese themselves. Nevertheless, I will put before you two of the main questions, and try to give answers to them which I believe come near to the heart of the matter.

First, why did the Japanese make this war upon us?

Second, how do the Japanese leaders—fanatical but coldly calculating men—dare dream of victory over the combined power of the British Commonwealth of Nations, the United States, China, and the other United Nations?

Why did they make war upon us? The Japanese attitude toward the English-speaking peoples is based on a concept of Japanese superiority and strength and of our inferiority and weakness. Part of this is a product of their mythology—the only neolithic mythology in the world which still plays a part in the affairs of a government. A part of it is a product of national vanity. A part of it is—in the Japanese view—logical, matter-of-fact, and well founded.

They hold Americans in contempt

It is a paradox of Japanese thinking that, despite their faith in their own innate superiority, they believe that the man who thinks he is superior is *ipso facto* handicapped. The Japanese have known what we thought of them—that they were little fellows physically, that they were imitative, that they were not really very important in the world of men and nations. Believe me, I have been shamed more than once by the braggadocio, self-confidence and condescension manifested by our English-speaking peoples; and I have grown apprehensive as, through the years, I have observed the Japanese observing us. I have realized the cold, withering contempt of the Japanese for those of our race who gloried in power without possessing the fundamentals of power, or who complacently viewed the possibility of war with Japan without understanding how formidable the Japanese really were.

The Japanese have made comparisons not favorable to us. They have pointed to their own thrift and compared it with our wastefulness. They have looked at their own national unity and national reverence and have contrasted it with our



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REPORT FROM TOKYO (continued)

partisanship and our readiness to laugh at ourselves. They have seen the comforts with which we have surrounded ourselves, and they envy us these even while they despise us for our possession and enjoyment of them.

It is not meaningless that in Japanese thought "Oriental culture" stands as the antithesis to luxury. To many Japanese, culture means a Spartan ability to endure hard work, hard living, and hard fighting. The inconsistency of their position—the fact that they should pride themselves on their simplicity and ruggedness while fighting to gain material riches—is not apparent to most of them. They look upon us as boastful, vainglorious, rich, and flabby. They think that we are physically soft. They think that our minds are filled with gross considerations of comfort, personal greed, and shallow partisanship.

Why Japan is a tough enemy

I have no wish to praise a people who are our enemies, but I must—in the interests of our safety—list a few of their formidable characteristics:

They are united. Theirs is a unity of solidarity. Foolish or wise though their war government may be, they support it. They believe in the divinity of their Emperor and, through him, in the rightness of their war leaders. For years they have prepared themselves collectively and individually for war. Germany and Italy possess groups of unknown size and power which await only the time and opportunity to revolt. In Japan there are no such groups.

They are trained. The Japanese have said openly that their weapons were inferior to ours but they counted on the fact that we supposed them to be even less well equipped than they really were. This would give them an advantage. This advantage could be further supplemented by their discipline, by their universal training, and by the fact that all Japanese men—all the able-bodied men in Japan—have military service. Trained men and armies with fair weapons can often defeat untrained men and armies with excellent weapons.

They are frugal. The Japanese Empire has almost thrived on shortages. Bottlenecks, absences of materials, and vexing priorities have existed in other countries under conditions which would have meant abundance to the Japanese. In the midst of poverty, they have built an enormous military machine. They have not done this with wastefulness. They have done it with care and thrift and economy and conserving of materials. The food which we, even now, throw away in North America would go a long way toward supporting the population of Japan.

They are fanatical. They believe in their war, in the government which wages it, and in the incorruptible certainty of their national cause. Who knows how far back the sources of this national faith may lie? Some parts of it go back to the half-mythical centuries of their history before the time of Christ. Others rest, perhaps, in the centuries of sporadic struggles with the Chinese which ended with the great naval victories of the seventh-century Chinese fleets. The shoguns, who began the system of ruling through puppets a thousand years ago, and then the feudal lords, contributed their share. Medieval civil wars, then, bequeathed traditions which toughened Japan for foreign war today.

They are, at least in war, totalitarian. Long ago, while Germany and Italy were still picturesque agglomerations of petty states, Japan was governed by dictatorship, secret police, elite guards, suppressors of "dangerous thoughts," summary courts, and hidden executioners. The Tokugawa shogunate, which preceded the present modernized government, was effectively totalitarian and authoritarian.

We have learned in our time what totalitarianism means. It means the end of political freedom, of religious freedom, of any freedom, of any true culture. It also means concentrated political, economic, and military power. This power can be used swiftly and ruthlessly by despots who do not stop to explain—still less to justify—their ends or their means. Japan did not have to turn Fascist or National Socialist; morally, Japan already was both. Japan has needed no Hitler. In a certain sense, her militarists are an oligarchy of Hitlers. Democracy was an experiment into which the Japanese ventured only slightly and cautiously. The society itself, and its values, remain today, in wartime, regimented and authoritarian.

With such capacities, and such a government, is it surprising that Japan's leaders did not fear war and that they led their nation confidently into war? At this very moment, the Japanese feel themselves, man for man, superior to you and to me and to any of our peoples. They admire our technology, they may have a lurking dread of our ultimate superiority of resources, but all too many of them have con-

tempt for us as human beings. Add to all this their overweening ambition for conquest, and you can begin to follow the warped but persuasive lines of intuition and belief which led Japan to attack us.

Yet we now try to give an answer to the second question: do the Japanese think that they can win this war?

The Japanese leaders *do* think that they can and will win. They are counting on our underestimates, on our apparent disunity before—and even during—war, on our unwillingness to sacrifice, to endure, and to fight.

The leaders of Japan are not suicidally minded incompetents. History will show that they have made a miscalculation; but they have miscalculated less than most of us suppose. In this they find strength.

Japan has won before by the same strategy that she has followed in launching and waging this war. In 1894 and 1895, Japan defeated the gigantic Manchu Empire of China. Her armed forces won because the nation was prepared, united, determined. The Manchu court of China was corrupt and unprepared, the Chinese Government was supine and disunited, and the Chinese people never had a chance to fight. In 1904 and 1905, Japan attacked and defeated the Empire of the Tsars. Her armed forces attacked Port Arthur, like Pearl Harbor, murderously and in stealth. Port Arthur, like Bataan, withstood a siege and then surrendered. In St. Petersburg and Moscow there was revolt, occasioned largely by the corrupt mismanagement of the war and a popular distrust of the government. The Tsarist Government negotiated peace. Japan could not have defeated Russia; she did defeat the Tsarist forces when the people and government behind the armed forces were disunited and the productive system did not stand up. Finally, Japan, as one of the Allies, fought Germany in the First World War. Germany did not fight to the bitter end. The Germans did not wait for their country to be invaded. They gave in before the Rhine had even been reached—they surrendered even after they had won the Eastern front and had seemed victorious. The Japanese noted this and did not forget it.

Japan remembers these victories. As I have already stated, the Japanese may not intend to take New Orleans or San Francisco or Vancouver or Toronto—in this war. They do intend and expect, in dead seriousness, to conquer Asia, to drive us out, to force us to make a peace which will weaken us, and cause us to grow weaker with time. And then later, in five years, or ten years, or 50 years, they would use the billion men of an enslaved Asia, and all the resources of the East, to strike again.

When the Japanese militarists, committed absolutely to the course of conquest, took measure of their military resources and perceived the extent of democratic rearmament, they had to gamble. The gamble was heroic, but not that of a mere game of chance. Their well-planned campaigns southward were brilliant accomplishments. Today Japan is stronger than ever. We now face not only Japan but Japan and Japan's conquests. These conquests are greater than we have permitted ourselves to realize. They include more than ten times the area of the Japanese Empire as it stood a year ago—Chinese territory, British territory, Dutch territory, American territory. They include populations aggregating three times the population of the Japanese Empire. Many climes and vast resources. A huge aggregate of human beings, the majority of whom are docile and are capable of tremendous toil.

No one—any longer—can prattle now of defeating Japan in three months. We hear no longer about the tinder cities of Tokyo and Osaka. We do not jest about the Japanese fleet, or about their Air Force. We know that we face a destructive, united enemy, and that we must bring to bear against that enemy force as united as and greater than that which he has marshaled.

The Japs will never crack

The other day a friend, an intelligent American, said to me: "Of course there must be ups and downs in this war; we can't expect victories every day; but it's merely a question of time before Hitler will go down to defeat before the steadily growing power of the combined air and naval and military forces of the United Nations—and then, we'll mop up the Japs." Mark well those words, please. "And then we'll mop up the Japs."

Let's get down to brass tacks. I know Germany; I lived there for nearly ten years. I came out on the last train with my chief, Ambassador Gerard, when in 1917 we broke relations with Germany and shortly afterward were forced to declare war on that aggressor. I know the Germans well; truculent and bullying and domineering when on the crest of the wave; demoralized in defeat. The Germans cracked in 1918. I have steadfastly believed and I believe today that when the tide of battle turns against them as it assuredly will turn, they will crack again.

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20,000 TIRE MILES

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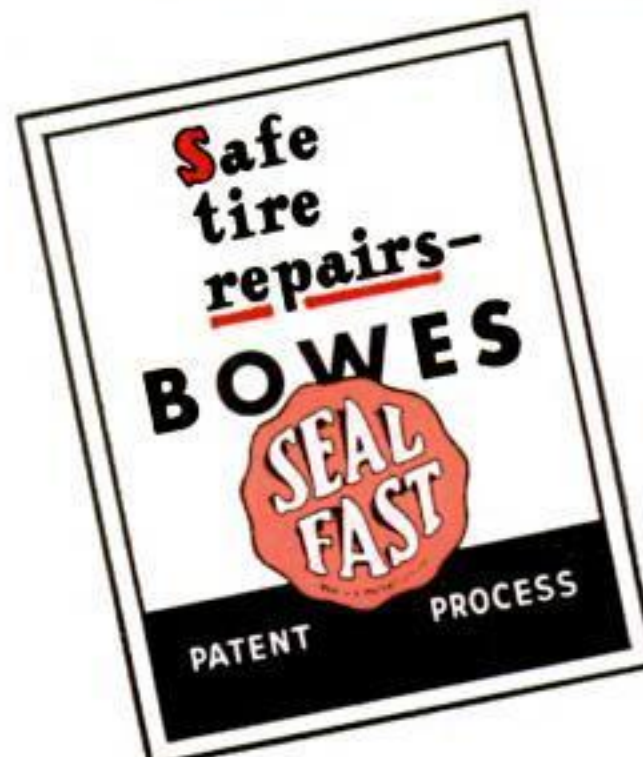
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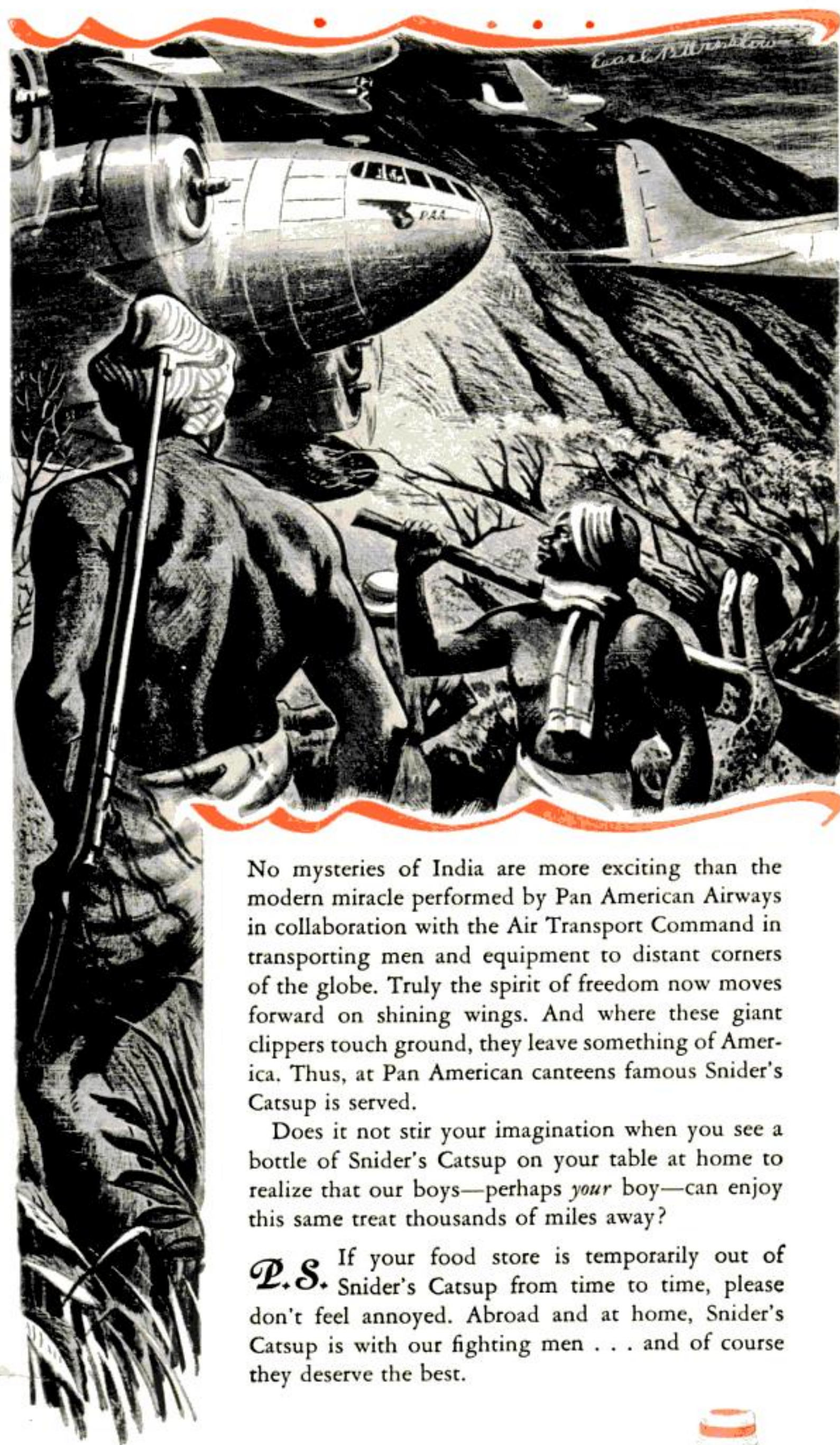
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REPORT FROM TOKYO (continued)

I know Japan; I lived there for ten years. I know the Japanese intimately. The Japanese will not crack. They will not crack morally or psychologically or economically, even when eventual defeat stares them in the face. They will pull in their belts another notch, reduce their rations from a bowl to a half bowl of rice, and fight to the bitter end. Only by utter physical destruction or utter exhaustion of their men and materials can they be defeated. That is the difference between the Germans and the Japanese. That is what we are up against in fighting Japan.

We must realize that the Japanese are already in the Aleutian Islands. Not far from Alaska. Not so far from other parts of our country. Our own armed forces are dealing with that situation. I mention it merely as a concrete indication of what the armed forces of Japan hope to do, and what they intend to do—and what they will do if they can. First, to bomb important American centers and then, eventually, invade America.

There is a little story that throws light upon the spirit which animates these grim warriors. Last year when our country and Japan were still at peace, I received from the Chinese Government the name of a Japanese who had been taken prisoner in China and who wished his family at home in Japan to know that he was alive and well. I communicated the information to the Government in Tokyo and received, in due course, the official reply. It was brief and to the point. The Japanese Government was not interested in receiving such information. So far as they, the Government, were concerned, and also so far as his own family was concerned, that man was officially dead. Were he to be recognized as a prisoner of war, shame would be brought upon not only his own family, but also his Government and his nation. "Victory or death" is no mere slogan for these soldiers. It is a plain, matter-of-fact description of the military policy that controls their forces, from the highest generals to the newest recruit. The man who allows himself to be captured has disgraced himself and his country.

The Japanese Army has one great advantage over her enemies in the Far East—the advantage of five years of hard fighting in the China war. They have paid dearly for it. Estimates of their casualties run as high as a million men. But for this grim price in blood they obtained a proving ground where they could build a tough, veteran army trained in that greatest of all military schools—war itself.

But the Japanese were not content with this. They gave their men further training in special areas where the terrain and climatic conditions approximate those in the regions where they were to fight. The units and commanders for the various sectors were selected months in advance and put to work. The Malayan army trained in Hainan and Indo-China, the Philippine force in Formosa, and both units practiced landing operations during the late summer and fall of 1941 along the South China coast. Even the divisions chosen to attack Hong Kong were given rigorous training in night fighting and in storming pill boxes in the hills near Canton. So realistic were these maneuvers that the troops are reported to have suffered "a number of casualties."

The Japanese High Command was able to make these careful preparations because of years of study of the areas where they expected to wage future campaigns. This study was based on a first-class espionage system. Japanese commentators have not even attempted to hide the fact that the High Command was fully informed for a year before the war of the strength, dispositions, and likely plans of their potential enemies. A good deal of this information is said to have been obtained by "observing" maneuvers in the Philippines and in Malaya. We can seriously question whether much of this information was gathered by official observers. The eyes of the High Command were probably reserve officers, disguised as humble members of the Japanese community scattered throughout the world.

They don't believe in "impassable" areas

The Japanese have borrowed more from the Germans than their tactics in the use of dive and light bombers. Like the Nazi High Command, they refuse to admit that there are any natural obstacles that their forces cannot cross. How often have the German armies shown how the Allied commanders had made the mistaken assumption that terrain that is merely difficult is impassable! In their lightning campaigns of last winter, the Japanese made the same point over and over again. Indeed, the Japanese themselves have said that their tactics have frequently been based on the principle of attacking through a particular area in the knowledge that their enemies have been lulled into a false sense of security and complacency by the very assumption of its impassability. And the Japanese

emphasize the disastrous effect on the defenders' morale once a so-called impregnable area has been pierced.

But above all, according to both the Japanese themselves and outside observers, the most important factor contributing to Japanese victories is the spirit which permeates all the armed forces of the Empire. This spirit, recognized by competent military men as the most vital intangible factor in achieving victory, has been nourished and perpetuated since the foundation of the modern Japanese Army. But the Japanese have been careful to develop a tremendous fighting spirit in their armed services and people alike. Indeed, the Japanese armed services and the Japanese nation have become so closely identified that it is difficult to tell where one stops and the other begins. Every Japanese male, of course, must perform military service under a system of universal conscription. Thus in every family, the father or son or brother has served or is serving in the Army or Navy. Every house in Japan, down to the lowliest hovel, proudly flies the Japanese flag at its front door when one of its men is in military service.

They saved their strength for the big show

Nevertheless, the Japanese ability in deception and concealment played a very considerable part in keeping our people ignorant of the true meaning of what was going on in eastern Asia. Many, for example, took the apparent failure of the Japanese Army to drive to victory in the four years of the China war as evidence of the weakness and inefficiency of the Japanese military forces. It has become more and more apparent since Pearl Harbor that, however much we hoped for peace in Asia, the Japanese themselves throughout the China war were husbanding their resources for the greater struggle which they felt lay beyond. In this connection, the Japanese budget figures released to the press are extremely interesting. They indicate that only 40% of the appropriation voted to the defense forces was expended for the conduct of the so-called China "incident." Sixty per cent—nearly two thirds of the total appropriation—was used to prepare the services and the industrial plants for the greater emergency yet to come. Similarly, of the materials and weapons furnished the services, only one fifth was sent to China—the rest being used to expand and modernize the armies and fleets which were to be called upon when the superwar really broke.

Nevertheless, despite its strength, Japan's new empire should certainly not be considered invulnerable. It has definite weaknesses which, if we take full advantage of them, will lead ultimately to the collapse of her whole position.

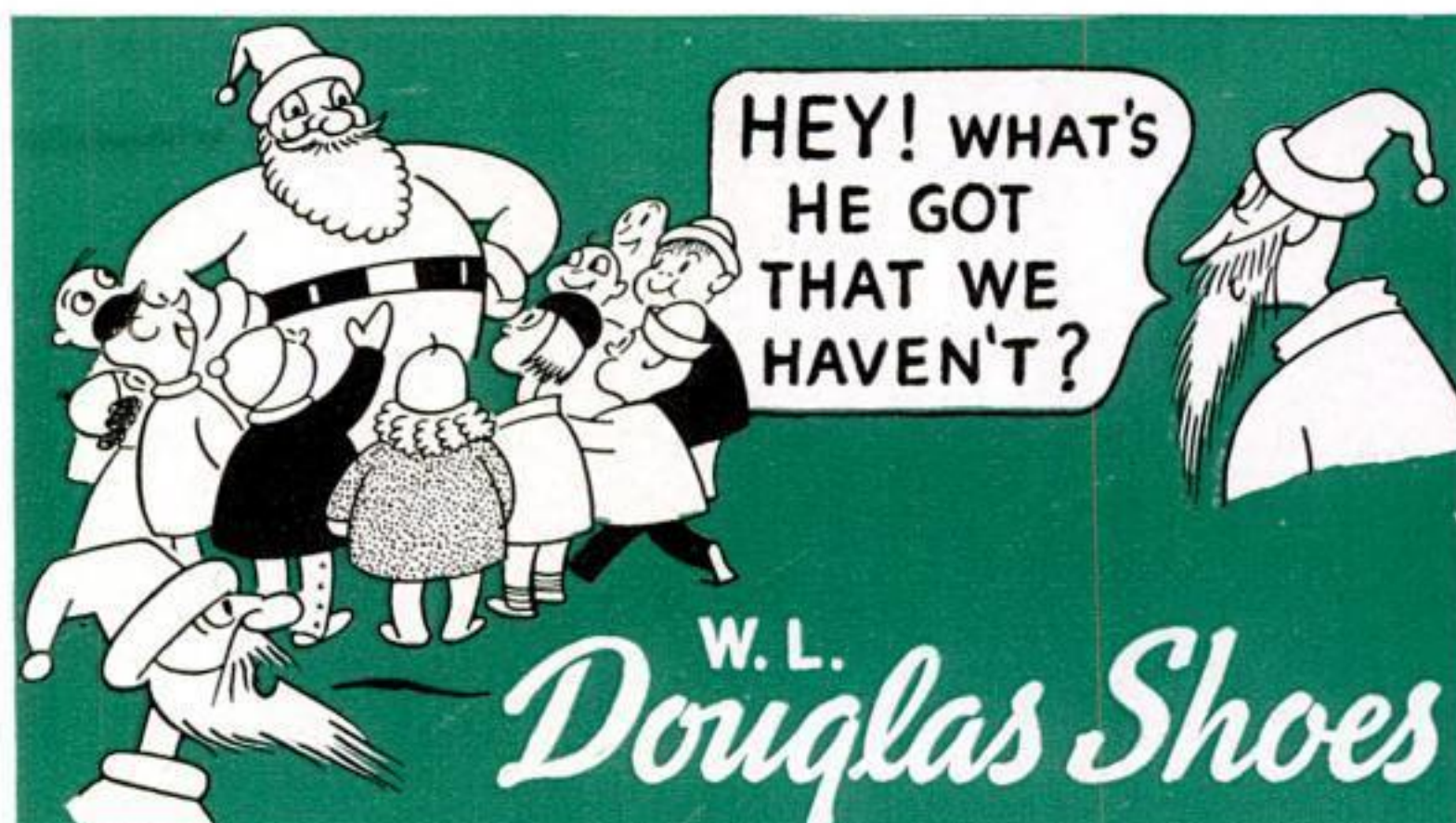
Japan, despite an unparalleled expansion over an area of many thousands of square miles in the campaigns of the past winter, has not succeeded in removing strong Allied positions on the flanks of her defensive chain. It is, of course, an axiom of conquest that each time you advance you are creating a future need for a further advance to protect your new position. Nevertheless, Japan hoped that by her concerted campaigns she could drive her enemies back to such a distance that she would be able to halt her forces on natural defensive lines.

This she has not been able to do. The United Nations still hold bases on and from which it is possible for them to organize and launch striking forces to attack the Japanese positions, both new and old. These will be used—amply and effectively—as the war progresses.

And finally, it must be considered a weakness of the Japanese defensive ring that communications and transport must be carried on very largely by water. As we have seen only too clearly here at home, sea-borne communications are extremely vulnerable to attack. At worst they may be cut, at best they compel the defensive country to divert much of her naval strength to convoy and anti-submarine patrol. Japan is not a country which can replace her shipping losses easily, and it may well turn out that the steady attrition of her shipping, both mercantile and naval, will play a considerable part in her ultimate defeat.

But let me emphasize once again that these weaknesses will certainly not of themselves cause Japan to be defeated. They must be exploited—taken advantage of—by determined aggressive action by the United Nations. The strength of the Japanese people lies in their fanatical obedience to authority. The great strength of the American people lies in their ability to think and act for themselves, without waiting for orders from above. Our fathers tamed a continent without waiting for someone to tell them how to do it. It took no directive from the High Command to call the Minute Men from their plows to battle. We ourselves can do no less. Let us not wait for our Government to do all our thinking for us. Our leaders in Washington already bear an immense burden. Let us not add to it by expecting them to lead us by the hand every step of the road to victory.

Let us remember one thing—it is *our* war.



In buying shoes today, the reputation and integrity of the manufacturer should be your first consideration. Douglas gives you long-wearing comfort, good looks, and styles in step with the walking and working needs of a nation at War. Where you see the familiar W. L. Douglas sign — you'll find friendly, helpful service.



The DARTMOUTH
Rugged lines well suit the fine, flexible leather of this moccasin type blucher oxford. A typical Douglas Value. Style 4554.



94% of our 1100 employees are buying war bonds.



Douglas "Down-to-the-Wood" construction assures you better fit — greater comfort.



\$5.50 \$6.50
CUSTOM AND
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DOUGLAS ARCH
Douglas Arch style in black calf. Perfect fitting last and specially constructed innersole gives added comfort. Style 4019.



W. L. DOUGLAS SHOE CO.

BROCKTON, MASSACHUSETTS

Stores in Principal Cities—Good Dealers Everywhere

SINCE 1876 — AMERICA'S BEST-KNOWN SHOES





In their dressing room before the midnight show, the Copacabana girls powder their noses, apply lipstick, fix stocking seams, spray perfume and observe the results of their make-up in the mirror. Caught by George Karger's camera, the seven showgirls in their flossy white dresses

look like a 1942 version of a Degas painting. The Copacabana show is written and produced like a Broadway musical with girls rehearsing from four to six weeks. Dinner guests who stay on for the midnight performance see an entirely new show. Early one is repeated at 2 a. m.



Lucille Barnes. Born March 21, 1924, Chicago, Ill. Height: 5' 7". Weight: 110. Bust: 32. Hips: 35. Favorite perfume: "Surrender." Ambition: to become a sculptress. Mother: a former telephone operator. Favorite dessert: ice cream. She wants to marry businessman, live in suburbs.



Lois Barnes. Born March 21, 1924, Chicago, Ill. (Three minutes older than her twin, Lucille.) Height: 5' 7". Weight: 114. Bust: 33½. Hips: 35. Favorite perfume: "Shocking." Favorite author: John Gunther. Ambition: to paint in oils. She wants most to meet Ronald Colman.

COPACABANA GIRLS

These showgirls are among Broadway's loveliest

The girls pictured here are known as the most beautiful showgirls currently in New York. Each year, since Ziegfeld first began "glorifying" his girls, a different night club has made this claim. This year it is the Copacabana, swank supper club on East 60th Street named for the famous resort hotel at Rio de Janeiro. Introduced by their own theme song, *You Just Can't Copa With A Copacabana Baby*, these refreshing glamor girls are the main dish served up each evening to cafe society audiences.

Major requirement made of these girls, besides their good looks, is an ability to dance anything from a buck-and-wing to the Brazilian samba. Their average age is 20. Earning from \$65 to \$75 a week, the Copacabana girls do 21 shows a week, three each night. Between shows they have time to eat supper (lunch to them), go to a movie or knit socks for their friends in the service. In its three years of existence, the night club has featured six of these "Samba Sirens," but this season Don Loper, producer of the show, came face to face with the Barnes twins (*see above*), couldn't choose between them and increased the number of Copa Babies to seven.

Out of the 25 girls who have worked at the Copa in the past, 18 have gone into Broadway musicals or have wangled Hollywood contracts. Of the current crop of beauties, one is an ex-Rockette and one left the hit show *By Jupiter* to become a "Latin from Manhattan."

As the little girl around the corner who left her schoolbooks and chocolate sodas to go off in search of a career, all of the Copacabana girls fit into a pattern. After high school, where they are usually voted "best dancer in the class," they teach briefly in a dancing school, take a few singing lessons and learn the art of theatrical make-up. Their first job is generally in the back row of a Broadway chorus, but they always long to become a great dramatic actress someday. Interrupting their career with a night-club engagement, the girls try to grow up very quickly, talk respectfully about art and music because it is considered the thing to do, but show a more genuine interest in eating steaks and sleeping late into the afternoon.



Mary Ganly. Born Jan. 16, 1924, Brooklyn, N. Y. Height: 5' 4½". Weight: 110. Bust: 34. Hips: 34. Favorite perfume: "L'heure Bleue." Hobby: collecting Degas ballet copies. Superstition: whistling in the dressing room. Favorite author: O. Henry. Favorite dessert: French pastry.

PROCTOR Reports to its Men in Uniform

PROCTOR ELECTRIC COMPANY HONOR ROLL

FRANK BROWN	THOMAS J. DRUM	WM. WALLISTER	FRANK J. KURTZ
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ROBERT A. M. KNIGHT	N. HOTTE	JOHN FARR	CHAS. H. LANG
GEORGE W. WEST	VINCENT MARTINO	MARTIN FETTEROLF	JOHN A. WRIGHT
J. HOTHBERG	EDWARD J. LULLY	JOS. TERNANICH	PAUL MARINER
A. BROWN	AUGUST HODSDON	WALTER THOMAS	CHARLES BECKER
H. BRETT	GERALD GRADY	J. FALST	HAROLD DUNN
G. BRENNER	FREDERICK W. HOGAN	JOHN E. SCHREIN	JOS. JIM
J. HANNING	ROGER A. M. FILLIN	R. J. TORPPEY	RATMOND MURASK
WM. E. KELLY	JOS. NOVOTNY	N. HOSNER	JOHN CAMILL
FRANCIS FRECH	S. W. WICKS	RICHARD GROSS	JACK BREL
A. HANES	HERBERT WICKART	GILBERT A. NELSON	FRANK THOMPSON
H. WINTERBER	RALPH M. LAMBERT	CLINTON J. STOUT	W. SE. W.
A. MARICHONE	HARRY BRAPP	FRANCIS BAUER	
JAMES HUGHES	H. SHAW	CHARLES K. GAGELL	
G. HAMMILL	ARTHUR STEIN	MATTHEW J. SECORA	
C. HADD	WM. L. JOHNSON	HAROLD L. SEIFRED	
WEL. HESS	EUGENE A. SEIFRED	GEORGE TULL	
F. JOHNSON	JAMES TON	JOSEPH W. WALKER	
F. MUELLER	G. BENDER	EDWARD MELLOY	
J. KUCZAK	WM. R. BOTO	WILLIAM POLLAND	
JOS. RUSSELL	CONRAD M. MCHAMIN	WILLIAM ALLEN	
HERBERT HUTCHINS	DAVID EISENHART	FRANK J. BRENNAN	
LAWRENCE SHRETT, JR.	RALPH S. HADKE	VICTOR BATA	
JAMES H. LANDSTON	DAVID J. CRAIG	E. J. JOHNSON	
H. BOOS	JAMES BRADLEY		
EDWARD J. JOHNSON			

ONE OUT OF EVERY FIVE NOW ON HONOR ROLL
We are proud that twenty per cent of our employees are now serving in the armed forces and want each Proctor man in uniform to know what his company is doing for Victory on the home production front.



EVERY PAY DAY IS BUY-A-BOND DAY. We are now authorized to fly the Minute Man Flag which means a dime out of every dollar, every pay day, goes into the regular purchase of War Savings Bonds.

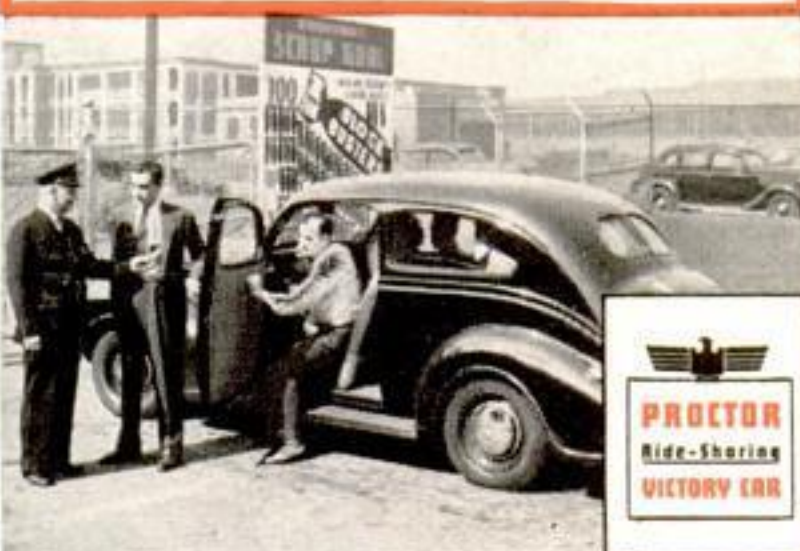


GUNS OF '18 WILL ROAR AGAIN. Proctor was the first in Philadelphia to respond to the nation-wide scrap drive. Pile started with World War I guns. Result: sufficient scrap to make 152 huge "Block Busters".



TARGET FOR DECEMBER: PERFECT WORK, NO REJECTS. Labor and management are working together. Members of Proctor's Labor-Management Committee OK scoreboard for ten week drive . . . in progress now. Fine workmanship, always a rule, is now a must.

A YEAR AGO Proctor manufactured only electrical appliances. Now we are making only materiel for war. Today, almost a year to the hour after the Japs attacked Pearl Harbor, we are having a mass meeting at the plant. There won't be many speeches . . . but in plain and simple words, each of us is pledging to do our best and nothing less. We are buying bonds, sharing rides, digging out scrap. The war is our job, too; and we are taking it plenty seriously.



CAR-SHARING RIDES SAVE TIRES AND GAS. Proctor employees have enlisted wholeheartedly in our car-sharing campaign to save rubber and gasoline. Goal: every car filled. Present score: 3.8 riders per car.



SUGGESTION BOX: INDUCTION CENTER FOR IDEAS. There are ten new suggestion boxes: big ones, painted red, white and blue. We're working and thinking. Ideas that save materials, improve work, eliminate lost motion, prevent accidents, increase each week.

LOOK AHEAD — LOOK TO PROCTOR FOR BETTER ELECTRICAL APPLIANCES

PROCTOR ELECTRIC COMPANY
Sales Division, Proctor & Schwartz, Inc., Phila., Pa.



Copacabana Girls (continued)



Lillian Moore. Born Aug. 1, 1920, New York City. Height 5' 7½". Weight: 110. Bust: 34. Hips: 34. Favorite perfume: "Reflections." She won a New York illustrators' contest, won a trip to Palm Beach. Mother: a former Ziegfeld Follies girl.



Jane Sloane Ball. Born Oct. 4, 1922, Kingston, N. Y. Height 5' 4". Weight: 102. Bust: 32. Hips: 34. Favorite perfume: "L'heure bleue." Ambition: to study medicine. Father: an accountant. "Ideal man" is a dark, tall doctor with a sense of humor.

CONTINUED ON PAGE 89

All America is glad to Share the MEAT



Spread your share of meat over the week . . . Make the most of it nutritionally . . . Only a strong people under the best of nutritive conditions can win the war and rebuild a war-torn world.

For good nutrition it is universally recognized that meat should be eaten at least once a day.

Meat is man's outstanding protein food. In addition to its complete high-quality proteins, meat supplies valuable amounts of the B vitamins—thiamine, riboflavin and niacin—as well as the necessary minerals iron, copper and phosphorus.

To make sure that our fighters and our allies get the meat they must have, the government is asking civilians to limit their meat consumption voluntarily to 2½ lbs. per week for each adult or adolescent.

You have a moral contract with 128 million other Americans not in uniform to give them an equal chance at the available meat supply.

Many have eaten *more than* 2½ pounds per week. For them there is the opportunity to share.

Others have eaten *less than* 2½ pounds per week. They should make sure they are getting an adequate supply of the nutrients of which meat is such an excellent source.

Here are simple ways to stay within your allotment and still keep the good nutrition and good flavor of "meat on the table."

1. "Manage your meat." Distribute it over the week. Your meat-man will help you plan.
2. Learn more cuts of meat—learn to make delicious dishes out of available cuts, even if you have never served them before.
3. Serve smaller portions—fewer extra helpings.
4. Spread the good nutrition and flavor of meat by combining with such foods as rice, noodles, dumplings, macaroni, spaghetti, potatoes and other vegetables.
5. Plan leftovers carefully for use in such dishes as stew, hash, croquettes, soufflés and chop suey.
6. Remember meat goes further when cooked at moderate, even temperatures.
7. Send for the booklets shown here. They contain many practical answers to your wartime meat problems.



10 POUNDS

Typical week's supply for family of 4, based on 2½ lbs. per week per adolescent or adult.

In addition to 2½ lbs. per week of beef, pork, lamb, veal and mutton, you can serve such highly nutritious foods as liver sausage, bacon squares, ox joints, pork feet, liver, tongue, sweetbreads, kidneys, brains, hearts and tripe; also poultry and fish.

Meats shown—(left to right)—Shoulder lamb roast (2 lbs.); beef pot roast (2½ lbs.); pork tenderloin (1¼ lbs.); sliced bacon (½ lb.); lamb stew (1½ lbs.); veal chops (1 lb.); ground beef (1¼ lbs.). Your meat-man can suggest many such assortments.

Why we must share

There's meat for everybody . . . if everybody shares.

Our armed forces and allies of course come first.

Of the record-breaking supply of 24 billion pounds, the Army, Navy and Lend-Lease will take approximately 6½ billion lbs.

When converted to retail cuts, this leaves 303 million lbs. per week for the 128 million Americans not in uniform. This allows a full quota of 2½ lbs. per week per person for 114 million men, women and children over 12; 1½ lbs. for children 6 to 12; ¾ lb. for children under 6 years of age.



AMERICAN MEAT INSTITUTE, Chicago

THESE BOOKLETS WILL HELP YOU

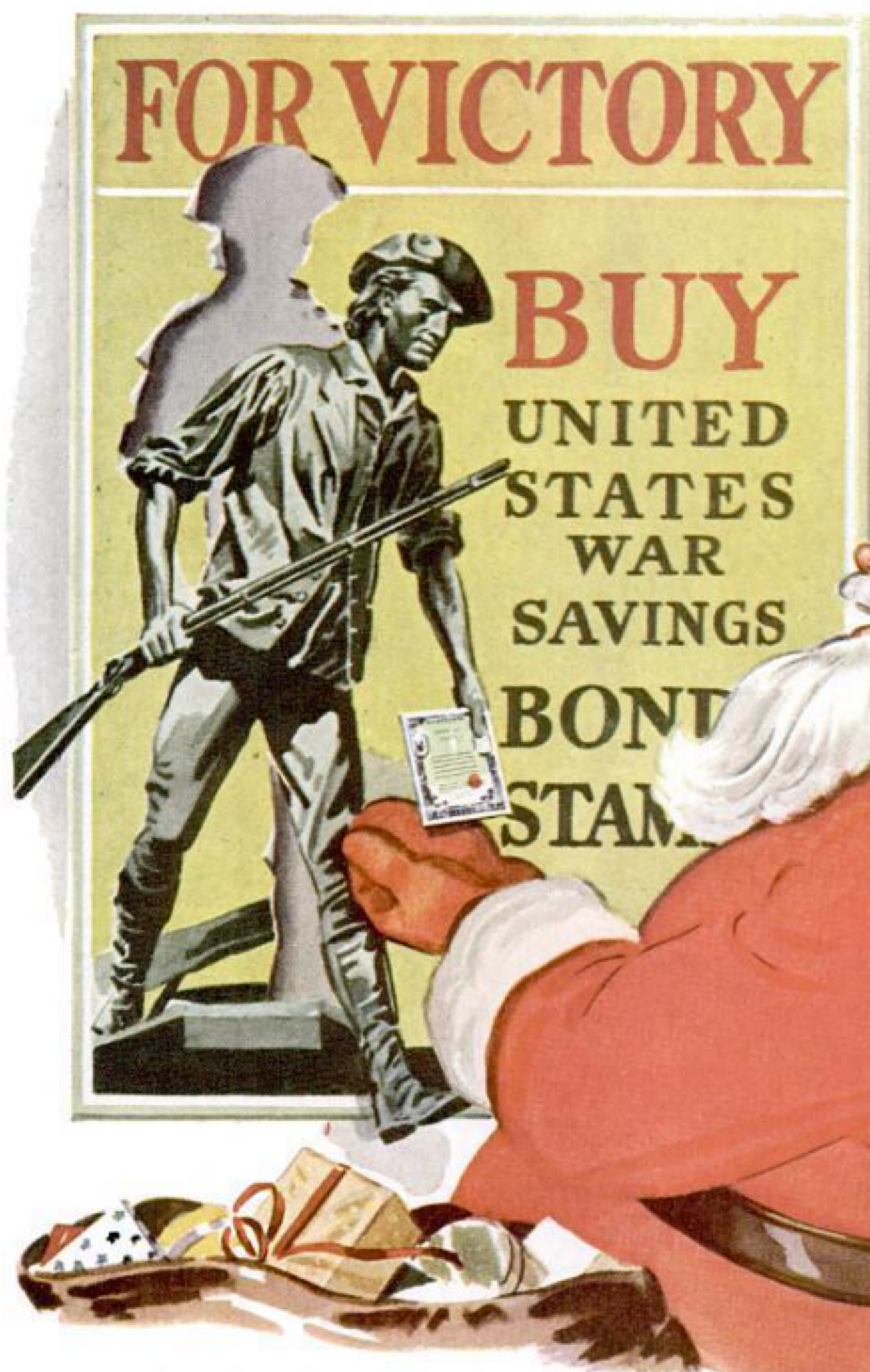


1. "32 Tested Meat Recipes"—Step-by-step recipes and complete menus.
2. New Edition of "Meat Buying Guide for Thrifty Meals"—Purse size—48-page handbook of more than 80 meat cuts. What to ask for, how to prepare, what to serve with them, easy way to plan meals for good nutrition.

For Both Books, send 5c in coin to Dept. 3, Lock Box No. 1133, Chicago, Illinois.

This Seal means that all nutritional statements made in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.





*Be a sentimental Santa
— on the practical side*

BUY BONDS FIRST!

THIS Christmas *does* call for sentiment . . . but you've got to be practical, too. You score on both counts when you give War Bonds and Stamps! Buy some for everybody on your list. Then, with the money you have left, you can add to your gift with *practical* **Freedom Shirts** or Pajamas by *B.V.D. That familiar red label has always been a hallmark of quality and comfort.

*"Next to myself,
I like B.V.D. best"*

...BUY WAR BONDS... THEN BUY THESE PRACTICAL GIFTS BY



*Reg. U. S. Pat. Off.

HOLLYWOOD *ROGUE Freedom Shirt by B.V.D.—Dashing design gives his appearance and spirits a lift. Ideal for *freedom* hours spent at home or play. Illustrated is model made from California cloth, a heavy all spun-rayon poplin. \$3.50. Other fabrics as low as \$2.25.



"ROVER" Freedom Shirt by B.V.D.—Trim, almost-military lines. Ideal to slip on when he dashes out for civilian defense duties. Can be worn with or without a tie. Illustrated is model made from a warm, durable spun-rayon gabardine. \$3. Others as low as \$2.25.



"TRI-TONE" PAJAMAS by B.V.D.—Famous B.V.D. construction assures complete comfort. Blazer pattern illustrated, \$3.00. Other B.V.D. Pajamas from \$2.50 to \$6.00.

"JODHPUR" PAJAMAS by B.V.D.—New Paisley pattern that was created just for B.V.D. Pajamas. Looks well and fits well. Ideal gift for men in service. \$3.50.

THE B.V.D. CORPORATION, EMPIRE STATE BUILDING, NEW YORK • IN CANADA: THE B.V.D. COMPANY, LTD., MONTREAL

Copacabana Girls (continued)



**VICTOR
McLAGLEN**

famous
Hollywood
star

THIS **WOW** IS A
MAN'S DRINK—BEST
TOMATO JUICE
COCKTAIL I EVER
TASTED!

It's a **WOW**—made
with **FRENCH'S**
WORCESTERSHIRE SAUCE

A **WOW** wherever it's
served—this zippy,
zesty drink! Add to
each glassful of toma-
to juice 1 tsp. French's
Worcestershire, few
grains salt, pepper.
Mix well, serve cold.
The choice ingredi-
ents in French's,
aged and mellowed,
give a wonderful,
rich, new flavor!

Top-Notch Quality
at half the price



Betty Jo Creager. Born July 29, 1923, Los Angeles, Calif. Height: 5'5½". Weight 112.
Bust: 33. Hips: 34. Favorite perfume: "Opening Night." She played in movies as a
baby. Favorite poem: *Trees*. She wants to marry a conversationalist, live in country.



Lucille Bremer. Born Feb. 21, 1920, Amsterdam, N.Y. Height: 5'4". Weight: 110.
Bust: 34. Hips: 34½. Favorite perfume: "L'heure bleue." She believes in blind
dates, a few of which have turned out pleasantly. Favorite composer: Maurice Ravel.

"Here's My Secret
of Perfect
Pipe Smoking"

Leonard R. Brown
Pres. Rum & Maple
Tobacco Corp.

It took me 15 years to
discover the secret of
this entirely new smok-
ing thrill! Try it!

FREE! SEND TODAY
FOR SAMPLE

The secret of Rum and Maple distinction
lies in the exclusive blending process by
which I combined four carefully aged tobac-
cos (one of which is rare Syrian Latakia)
with mellow imported Jamaica Red Heart
Rum and pure Vermont Maple . . . produc-
ing an extremely mild, fragrant smoke com-
pletely unlike anything else you've ever
tried. So clean and aromatic it's a sure hit
with everyone—even the ladies! Ask your
dealer for Original
Rum and Maple to-
day—or for a gen-
erous free sample
package—write Rum
and Maple, Dept 4L,
191—4th Avenue,
New York City.



**RUM and
MAPLE**
PIPE MIXTURE

Ideal Xmas gift for
men in the service is
this grand tobacco in
a handsome and dis-
tinctive Rum Barrel
Humidor Package.

LONGINES
*the most honored watch
for a
Hero*



*The beating heart of every Longines Watch
is the Longines Observatory Movement—
honored for accuracy and long life*

Longines*

THE WORLD'S MOST HONORED WATCH

Because of the war, only a very limited
number of Longines Watches are avail-
able for civilians at Longines jewelers.
If you want a Longines Watch for your-
self, or as a gift, better make your se-
lection soon from the watches now in
your jeweler's stock. ¶ If you now own
a Longines Watch, we urge you to take
particular care of it for the duration.
Have your Longines' jeweler clean it
or adjust it regularly. ¶ A companion
line to Longines—the Wittnauer Watch
—famous for sturdy and dependable
construction, is also for sale at Longines
jewelers. Longines-Wittnauer Watch
Co., Inc., New York, Montreal, Geneva.

*Reg. U. S. Pat. Off.



Longines Watches have won 10 world's
fair grand prizes, 28 gold medals

CONTINUED ON NEXT PAGE

SAVE precious fuel!



Blackie: "See, Whitey—we can still be warm without using too much precious fuel."

Whitey: "Yes, Blackie—but what should people do who have no fireplaces?"

IMPORTANT

The less fuel we all use this winter, the more tankers, trucks and manpower will be available for the nation's war emergency! You can save up to 50% of your fuel: 1. by checking your heating equipment—to make sure it runs properly! 2. by making sure your home is *heat-tight*—to prevent leakage! For a practical list of fuel-saving suggestions, consult your local heating expert.



EIGHT
YEARS OLD

"BLACK & WHITE"

The Scotch with Character

BLENDED SCOTCH WHISKY • 86.8 PROOF

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Copacabana Girls (continued)



The Brazilian samba is danced by the Copacabana girls. The mirror-like illusion in the picture is perpetrated by the Barnes twins, Lucille and Lois, who stand at each side of Lillian Moore. Girls wear white satin, lace organdy and Mexican sombreros.



Joe E. Lewis, popular night-club comedian, is gracefully framed by four of the Copacabana girls as he sings: *Sam, You Made The Pants Too Long*. Barnes twins stand above him against the white palm tree which is a part of the south-of-the-border decorations.



BLOOD PLASMA GOES TO THE FRONT... *sealed with "SCOTCH" TAPE*

PLASMA CARTONS ARE SEALED WITH MOISTURE PROOF, GAS PROOF "SCOTCH" TAPE

For years "Scotch" Tape has made package sealing easier in home and office. Today, it speeds the sealing of many types of war materials... including blood plasma cartons, shell cases, powder cans, boxes of machine gun clips, and containers for emergency food rations.

There are more than 100 different types of "Scotch" Tape, each manufactured to meet requirements of war industry. These tapes vary from tissue thinness to cardboard thickness. Many types of hand and automatic tape dispensers are available to speed production and conserve tape.

Our research and engineering service is at your disposal to help you solve war production problems such as sealing, identifying parts, holding materials, protecting, insulating. Our experience may help you save time-and-trouble.

Send for new illustrated booklet showing important war uses for "Scotch" Tape.

You may be interested also in the booklet describing time-saving methods for grinding finishing and polishing with 3-M Abrasive Paper and Cloth Products.

Please write on your business letterhead to Department L-122, Minnesota Mining & Mfg. Co., Saint Paul, Minnesota.



"SCOTCH" TAPE

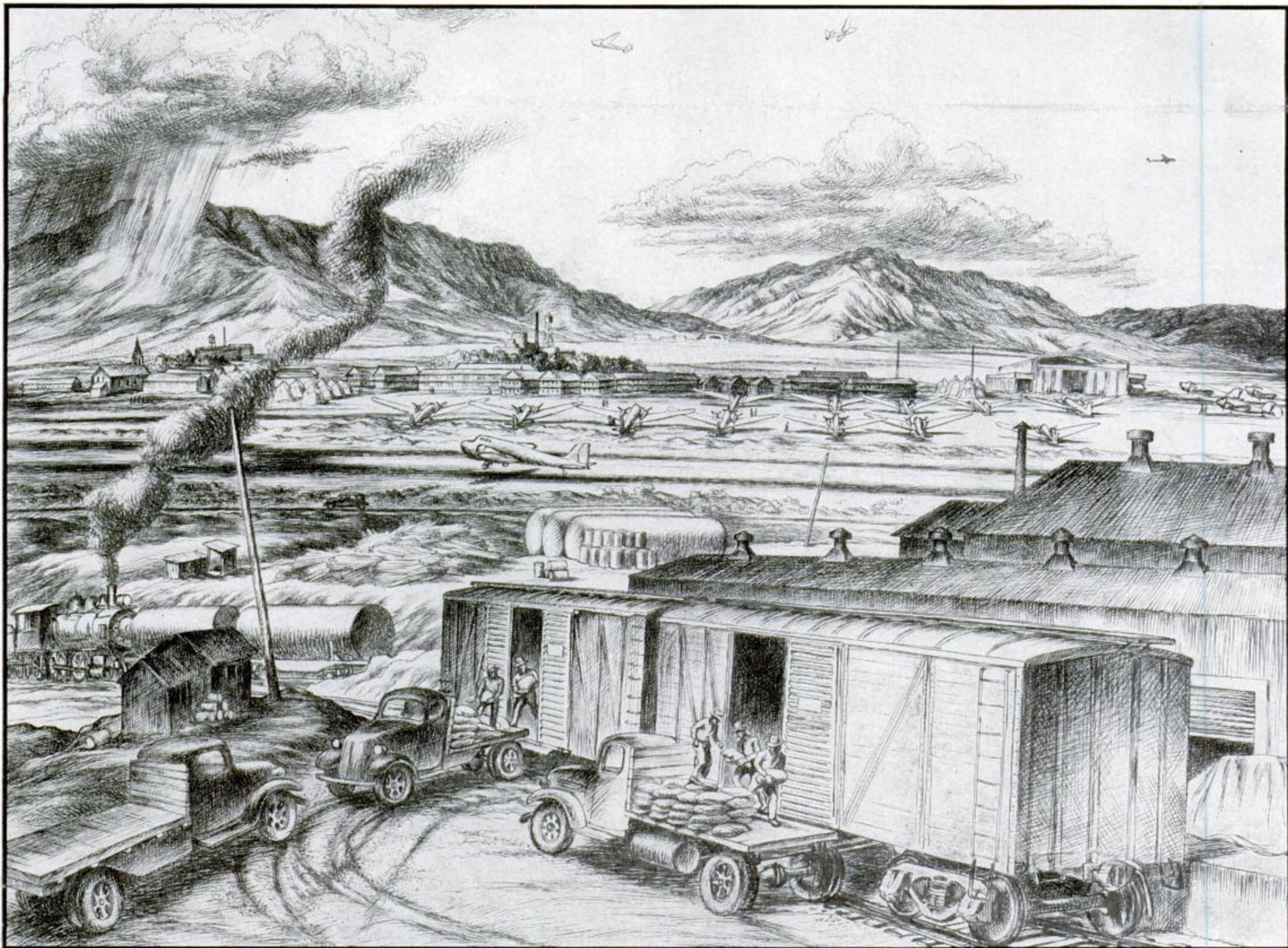
TRADEMARK OF M. M. & M. CO.

MADE AND PATENTED IN U. S. A. BY

MINNESOTA MINING & MANUFACTURING CO.
SAINT PAUL, MINNESOTA

★ ★ ★ There is only one "SCOTCH" tape brand. ★ ★ ★
Look for the name "SCOTCH"... It's your guarantee of quality.

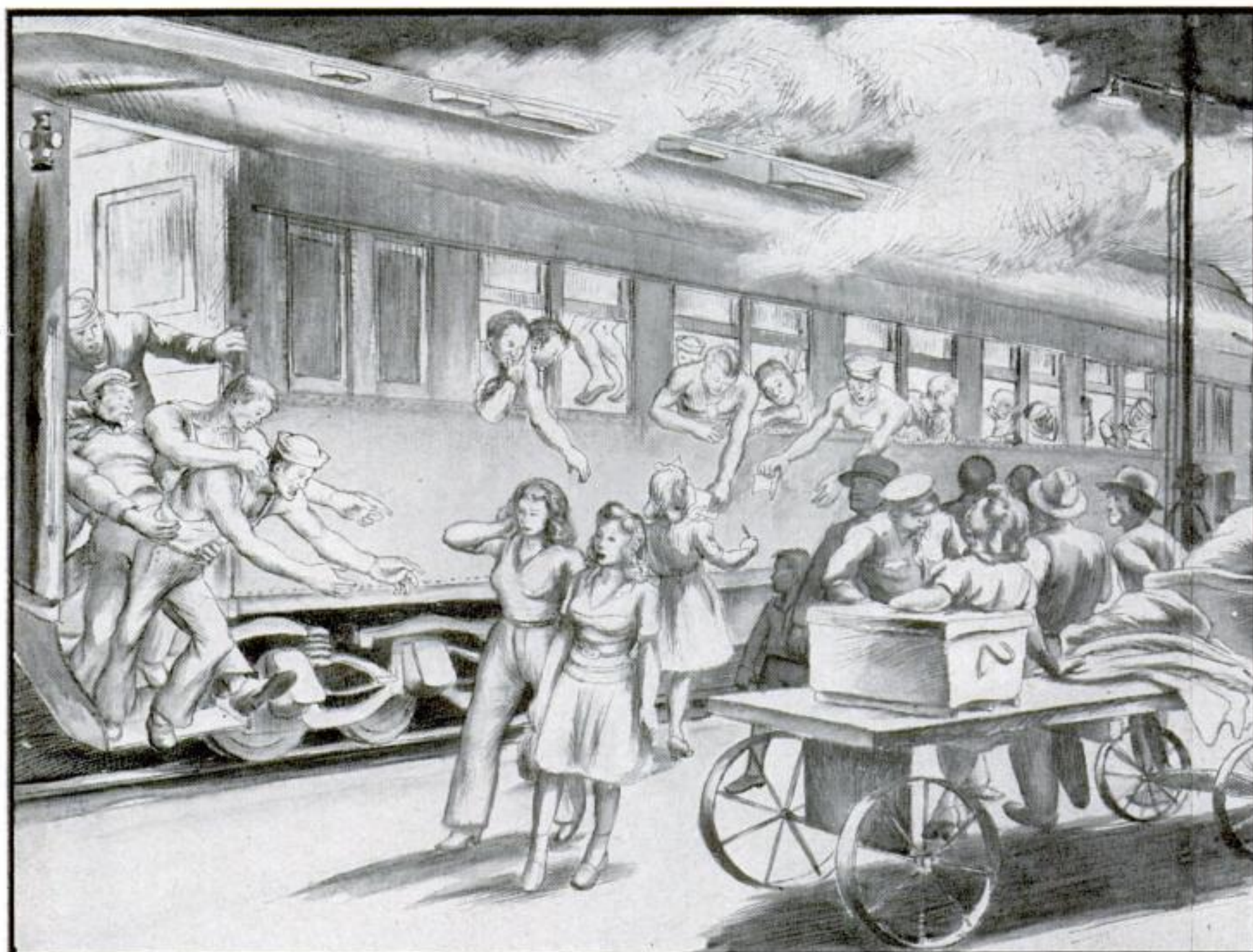
MANUFACTURERS OF 3-M PRODUCTS: 3-M ABRASIVE PAPER & CLOTH • 3-M WAXES & SEALERS • 3-M ELASTIC CEMENTS • "SCOTCHLITE" • 3-M ROOFING GRANULES
3-M CUTTING & FINISHING COMPOUNDS • 3-M CONCRETE RESURFACING CEMENTS • 3-M LAPPING & GRINDING COMPOUNDS



A Western air base in the foothills of the Sandia Mountains is shown here being serviced by the Santa Fe Railway. Men in the foreground are unloading bags of cement from a box-

car while engine at the left is hauling tank cars of oil and gasoline which came all the way from the refinery shown on page 94. Beyond boxcar is a supply dump with more oil

tanks and piles of lumber. Out in the field a plane is taking off from the runway while others are lined up for inspection. Hangar is at right, barracks with chapel are at far left.



Trainload of sailors bound for West Coast make a final rush to greet girls and get addresses as train pulls out at night from Gallup, N. M. where they had made a short

stop. Here men were not allowed to get off train. Many of them are only half dressed as they had been preparing to turn in for the night when they reached this station.

SANTA FE AT WAR

The great railway's wartime portrait is painted for LIFE by Edward Laning

The pictures on these pages are Artist Edward Laning's portraits of the Santa Fe Railway as it crosses the country from Chicago to the West Coast and south to the Gulf of Mexico loaded with troops and war equipment.

Never in the history of America have railroads played so great a part in winning a war. And no railroad has changed its appearance more than has the Santa Fe. Once boasting the most luxurious coaches built specially for civilian travel, these trains are now dashing across the deserts and over the mountains of America jammed with soldiers and sailors (p. 94) on their way to camps and ports of embarkation on the West Coast. Often attached to these coaches are freight cars, like those shown at right, carrying war equipment of tanks, trucks and jeeps.

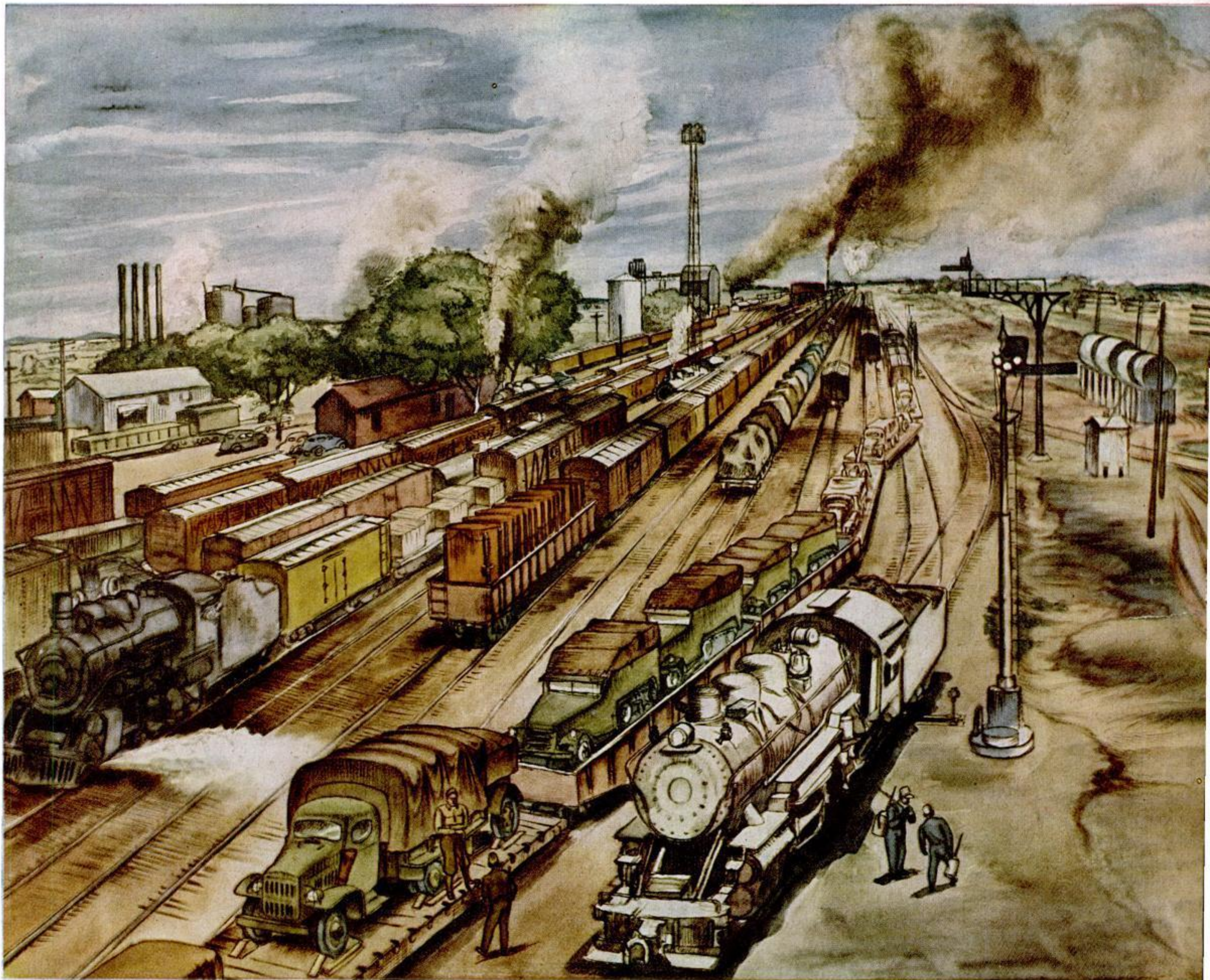
Edward Laning painted these pictures on an assignment for LIFE during a 2,500-mile trip over the Santa Fe. Born 36 years ago in Petersburg, Ill., Laning is best known for his Government Murals which hang in public buildings from Ellis Island to Bowling Green, Ky. Most important mural job was his *Story of the Recorded Word* (LIFE, Sept. 30, 1940) for New York's Public Library.



Three trains on the far horizon during sunset last August made this spectacular sight in the desert. Laning painted this picture near Gallup, N. Mex. while driving along the

ribbon of road shown at the right. The sun-scorched country, the artist said, "rolled away like the ocean. About 20 miles distant I could see the trains roaring through the vast

lonely space on the way to California, leaving a wonderful trail of smoke against the blaze of color in the evening sky. They looked like ships putting out of New York Harbor."

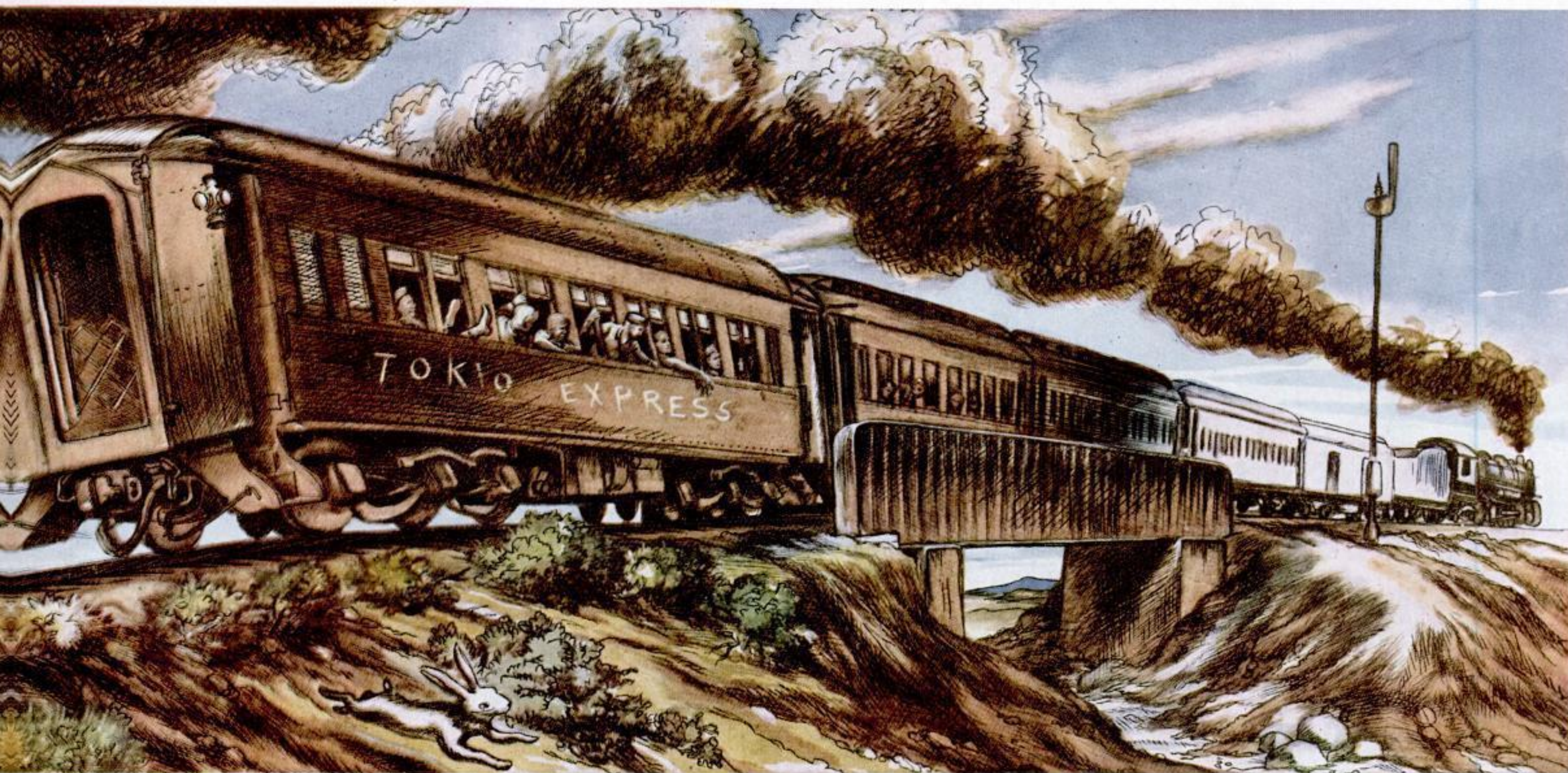


Santa Fe Yard at Belen, N. Mex. is a meeting place for freight cars and trains loaded with war equipment. After arriving here cars are switched about and new combinations

are made up with shipments to various destinations in the U. S. Freight train standing in center, loaded with Army trucks, is on the main line. Its engine on far end has stopped

to take on water. The soldier on the flatcar beside the Army truck will go along with train as a guard. Two men in right foreground hold oilcans with long spouts for oiling engines.

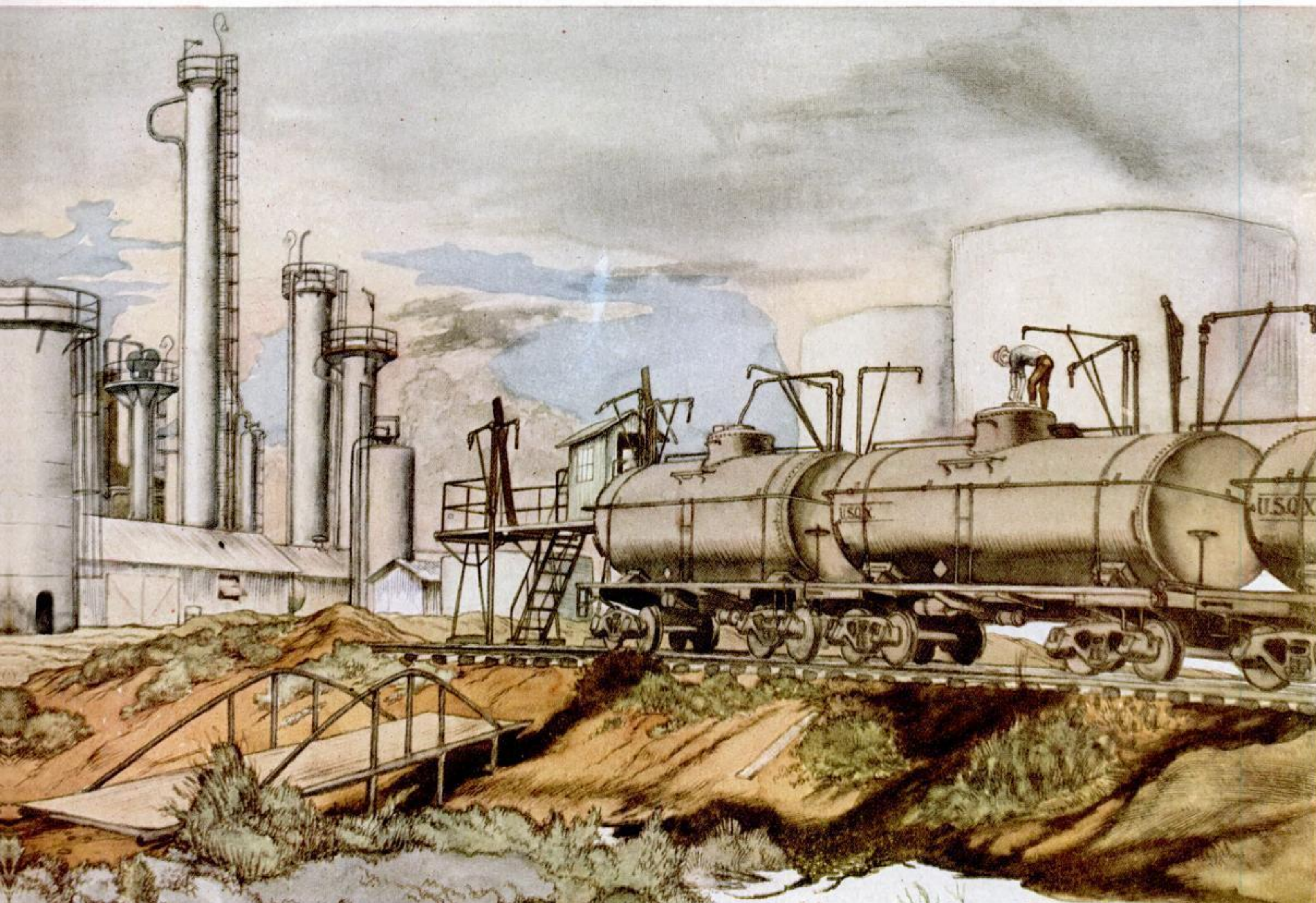
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"Tokio Express" was scrawled in white chalk across the side of this bouncing Santa Fe troop train by the soldiers whose legs and faces can be seen through the windows. Troops tra-

vel cross-country in comfortable Pullmans but when stops are made for engine to take on water the men, for exercise, get out and drill on station platform. Laning painted this

scene as train roared past Clovis, N. Mex. on way to California. All lights were put out at night when the train entered the West Coast blackout zone. Note frightened jack rabbit.



At oil refinery in Artesia, N. Mex., Government tank cars are loaded with high-test gasoline. The Santa Fe will pick up cars at refinery's loading dock, haul them hundreds of

miles cross-country to the air bases of the Western Defense Command. The three dark rivulets in the foreground, running into puddle at bottom of picture, are waste oil from

refinery. White crust on puddle is lime deposit from nearby Santa Fe water-softening works. Water there is so hard it would soon corrode boilers if it were not artificially softened.



Tie No. 1
Colors:
Blue with Tan
Maroon with Gray
Brown with Tan
Navy with Wine
Blue with Gray (shown)



Tie No. 2
Colors:
Eighteen
correct color tones
Plain Maroon (shown)



Tie No. 3
Colors:
Blue Tone Stripes
Maroon Tone Stripes
Green Tone Stripes
Contrasting Stripes
Maroon with Blue (shown)



Tie No. 4
Colors:
Wine Tones with Gray Plaid
Red and Gray with Tan Plaid
Blue and Wine with Tan Plaid
Brown and Rust with Tan Plaid
Blue Tones with Blue Plaid
Blue Tones with Red (shown)

SUGAR and SPICE*

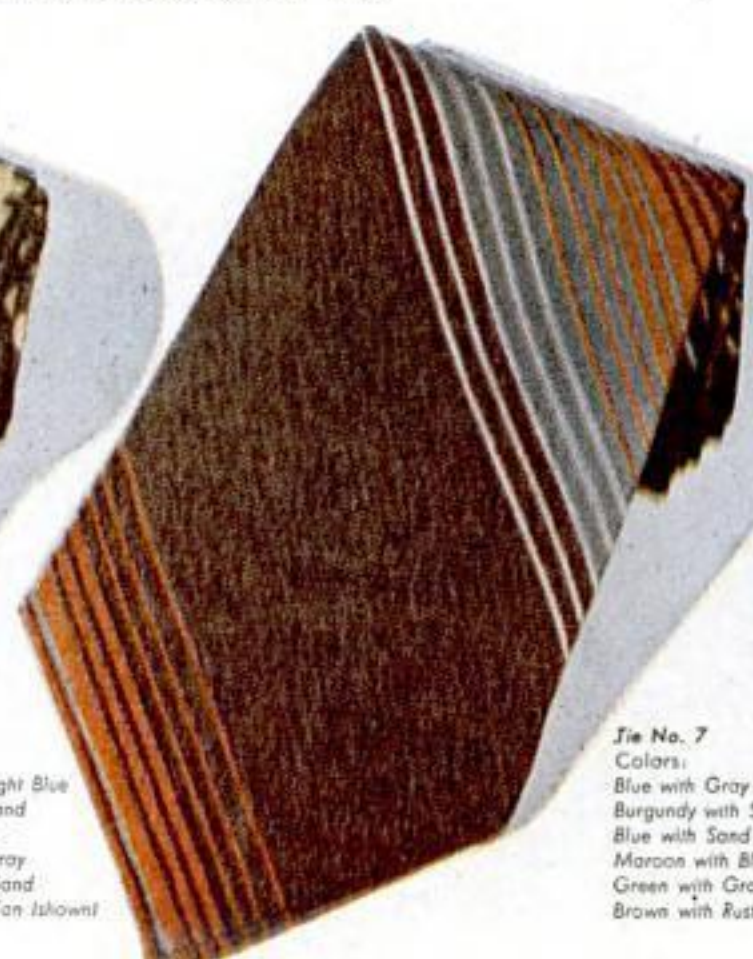
"EVERYTHING THAT'S NICE IN A TIE"



Tie No. 5
Colors:
Blue with Red
Blue with Gray
Maroon with Tan
Green with Tan
Brown with Tan
Maroon with Tan (shown)



Tie No. 6
Colors:
Navy with Light Blue
Navy with Sand
Wine Tones
Green with Gray
Green with Sand
Brown with Tan (shown)



Tie No. 7
Colors:
Blue with Gray
Burgundy with Sand
Blue with Sand
Maroon with Blue
Green with Gray
Brown with Rust (shown)



Tie No. 8
Colors:
Eighteen
correct color tones
Plain Brown (shown)

THE SUPERB YULE TIE

This unique STEHLI fabric puts gracious giving right within easy reach — just as close as the store now showing Sugar and Spice Ties. These ties are soft, powdery and enduringly handsome . . . He'll like their

\$1

draping quality — they'll give him an expert's knot, every time. A right royal gift is a collection of Sugar and Spice in fancy patterns and plain shades. See them today at your favorite store.

SUPERBA CRAVATS

ROCHESTER, NEW YORK

*Reg. U. S. Pat. Off.

©1942 Superba Cravats



Tie No. 9
Colors:
Eighteen
correct color tones
Plain Blue (shown)



Tie No. 10
Colors:
Blue
Brown
Maroon (shown)



Tie No. 11
Colors:
Blue with Red
Blue with Blue
Maroon with Gray
Maroon with Tan
Brown with Tan
Green with Tan (shown)



Tie No. 12
Colors:
Blue with Red
Blue with Green
Burgundy with Sand
Brown with Rust
Maroon with Red (shown)

"We're bears on gifts...we know the trends
This year it's Calvert's Happy Blends!"



1. Yes, we bear gifts galore each year;
We stuff the stockings with good cheer!
And lo! Our biggest gift success
Is CALVERT Whiskey...nothing less!

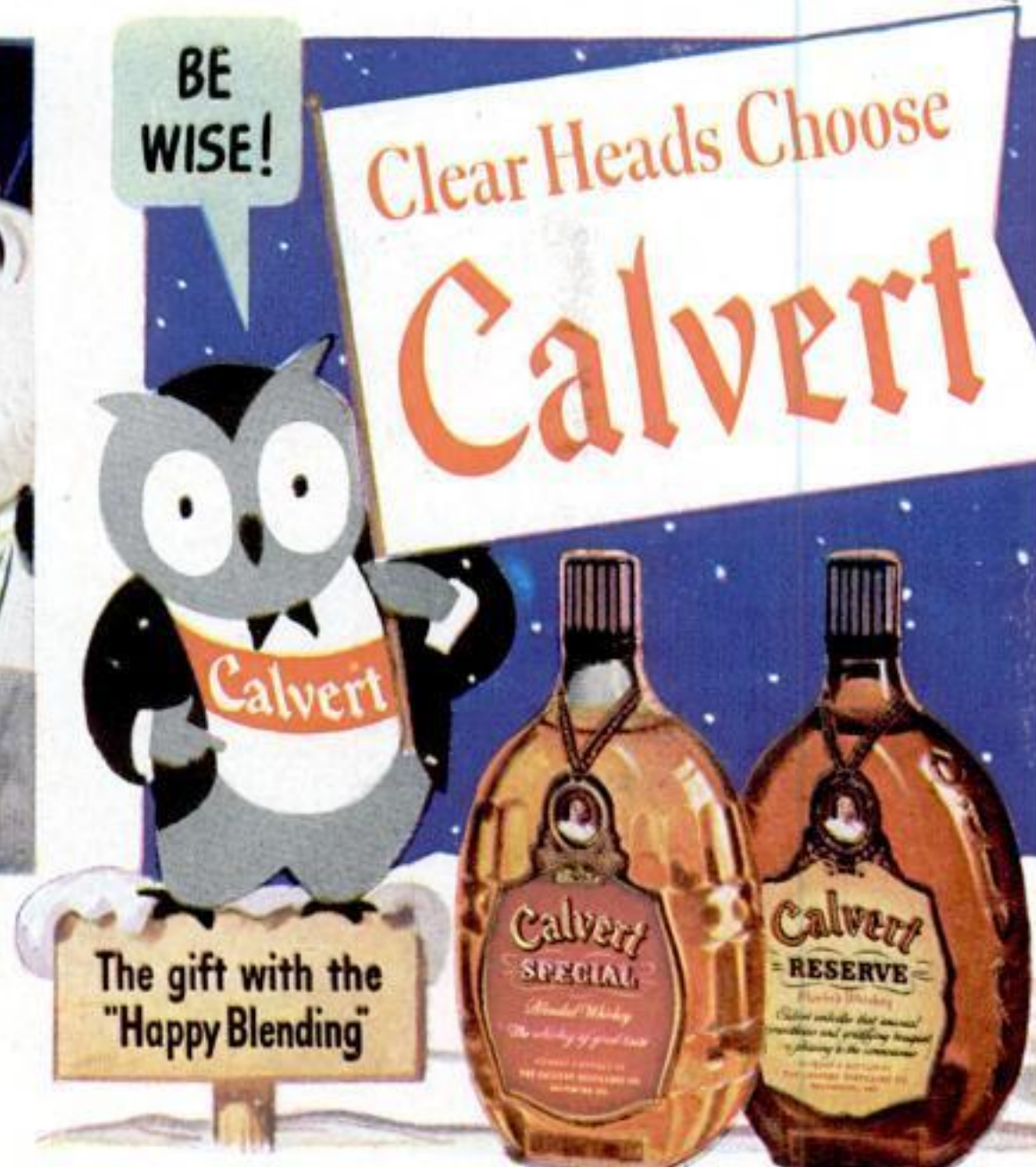
2. For CALVERT (if you'll hark a minute)
Has only traits that *blend* well in it—
In fact, it's such a Happy Blending.
It's tops for Yuletide elbow-bending!

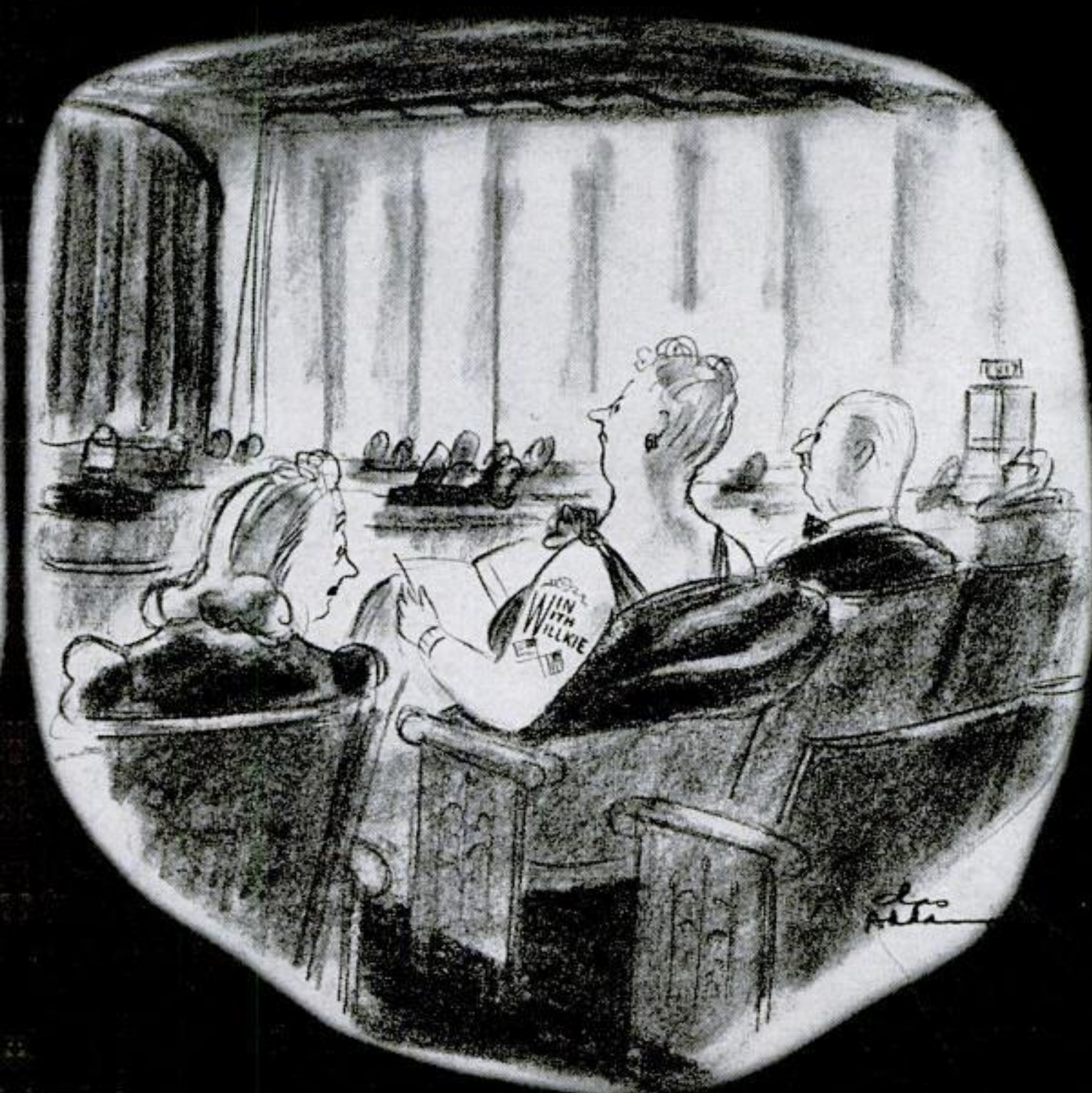


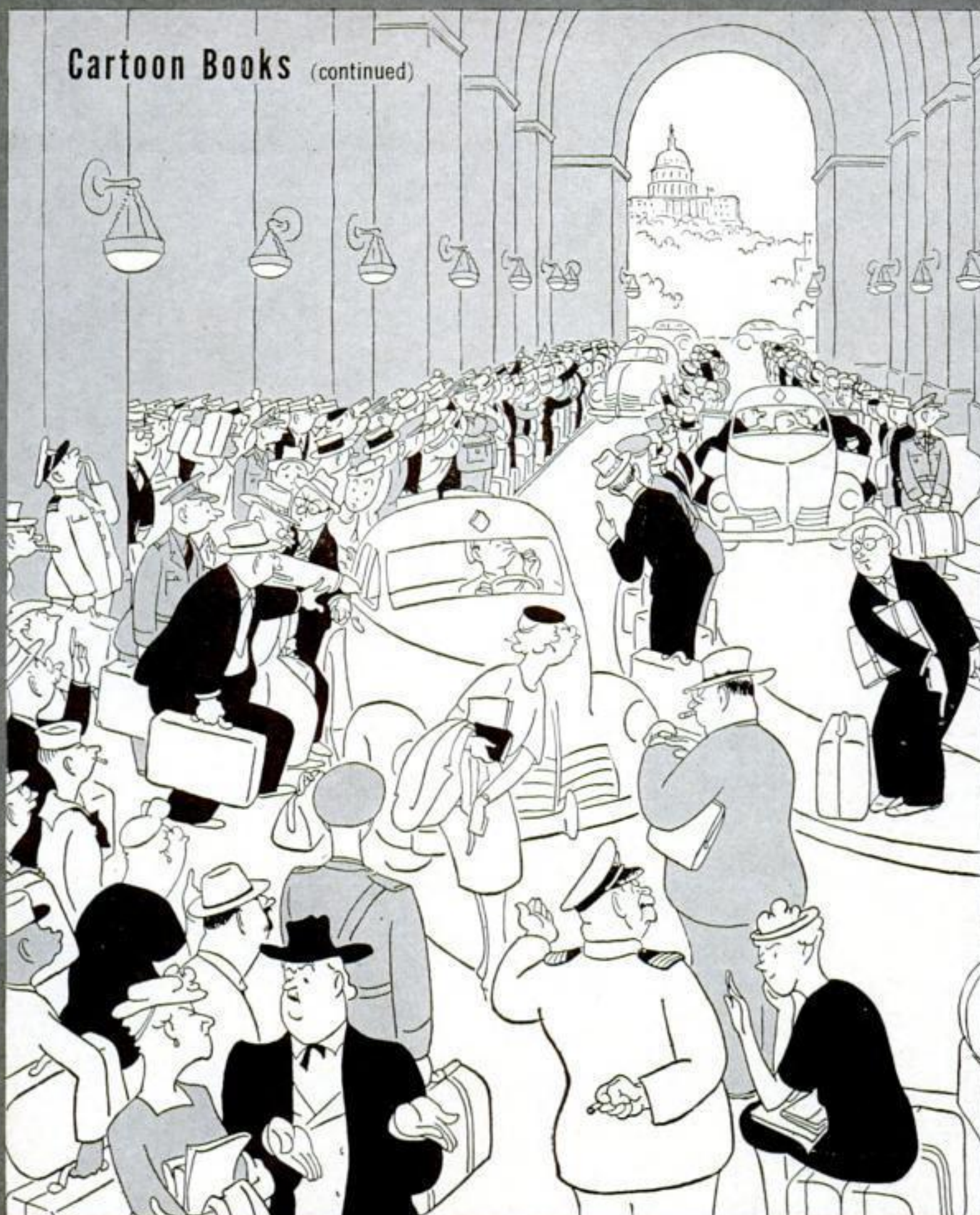
3. The secret is—some whiskey traits
Are enemies, while some are mates.
So CALVERT ousts the fighters, *fast*—
Hence makes a blend that's unsurpassed!



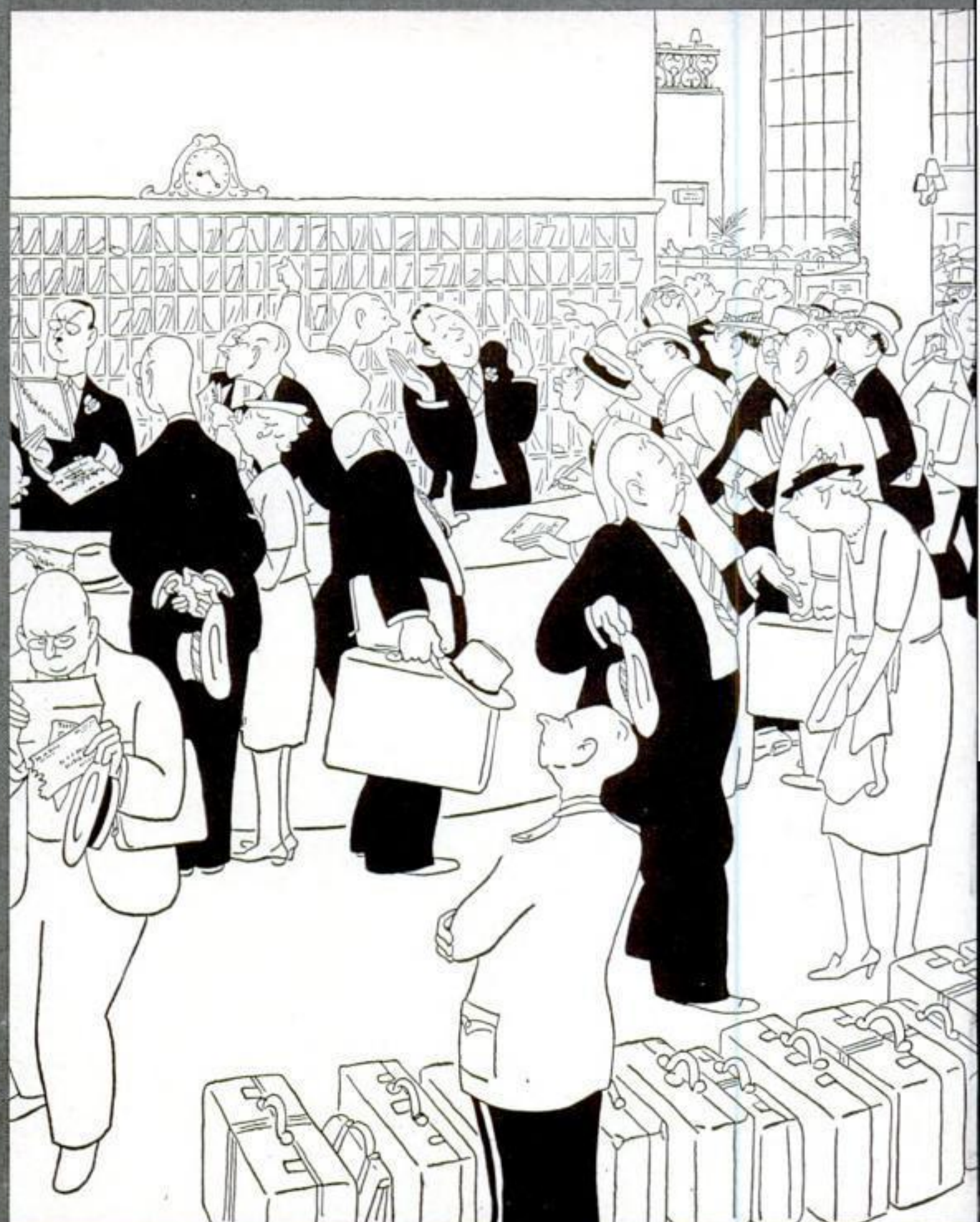
4. If in your Yuletide shopping search you
Seek a gift with *every* virtue—
You'll tickle all your friends no end
By giving CALVERT'S Happy Blend!







UNION STATION



HOTEL DESK

GLUYAS WILLIAMS SHOWS WASHINGTON IN WARTIME

Most cartoonists looking for war jokes seek their inspiration in soldiers' camps or in the gathering places of WAACs and first-aiders and defense wardens of various kinds. But Gluyas Williams, who draws people with simple but expressive faces, went down to

Washington, D. C. to see how things were going in this hub of global war. He found it, of course, pretty much of a hubbub.

Usually Gluyas Williams exercises his art on well-meaning human beings who, by trying really hard,

TRAFFIC CIRCLE



HOMEWARD BOUND



GLUYAS WILLIAMS



RUMOR HOUR



SENATE GALLERY

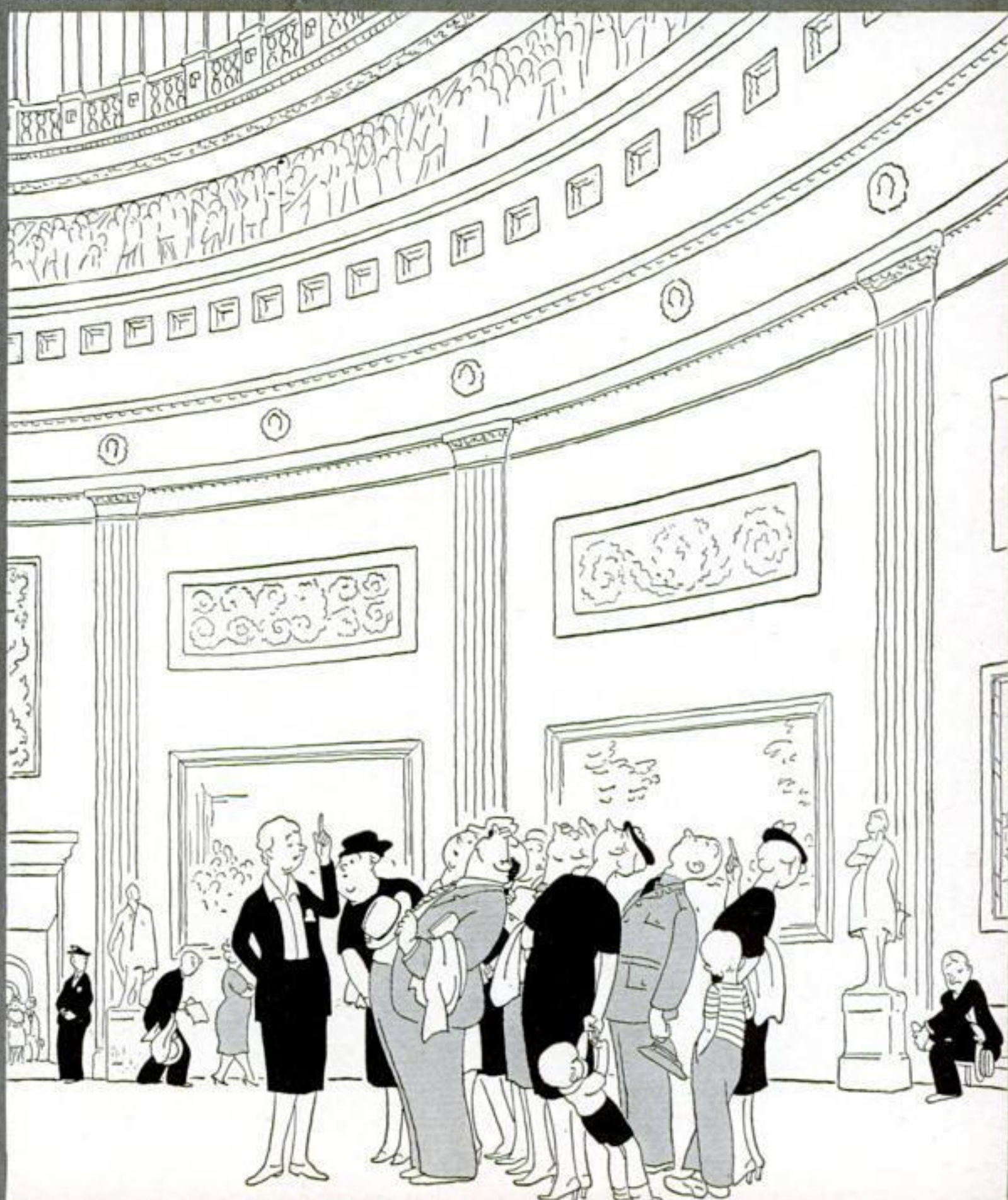
are just about able to cope with the run-of-the-mill crises of their limited lives. Washington, however, is too much for them. In this overcrowded and confused capital, even Congressmen and admirals must wait at the railroad station for taxicabs. Important

men stand humble before the arrogant politeness of hotel clerks. Ordinary men become the repository of world-shaking rumors. The only things that go on normally in Mr. Williams' Washington are the speech-making and the sightseeing.

Gluyas Williams saw everything he sets down here with his own eyes. Then he went back to the tranquility of his Boston home to draw these shrewd and simple recollections, entitled "The National Capital," some of which appear in the *New Yorker War Album*.



BUSINESS AS USUAL



*"May we see quid points in others
as quick as we see our ain"*

... or as promptly as a connoisseur of Scotch whisky appreciates the quality in Teacher's ...

*'It's the
flavour'*

Made since 1830
by Wm. Teacher
& Sons, Ltd.,
Glasgow

TEACHER'S
Perfection of Blended Scotch Whisky

SOLE U. S. AGENTS: Schieffelin & Co., NEW YORK CITY • IMPORTERS SINCE 1794



"Be of Good Cheer!"

Snake Eyes

NEW DICE & CARD GAME

Easy? You bet—just roll out the dice—turn down the cards—pick up the chips. A sure gloom chaser for friends or just the family. \$1.00 edition for 2 to 6 players. \$2.00 edition for 12. AT ALL DEALERS OR DIRECT.

SELCHOW & RIGTER COMPANY
(Famous Game Makers for over 75 years)
200 FIFTH AVENUE • NEW YORK, N. Y.

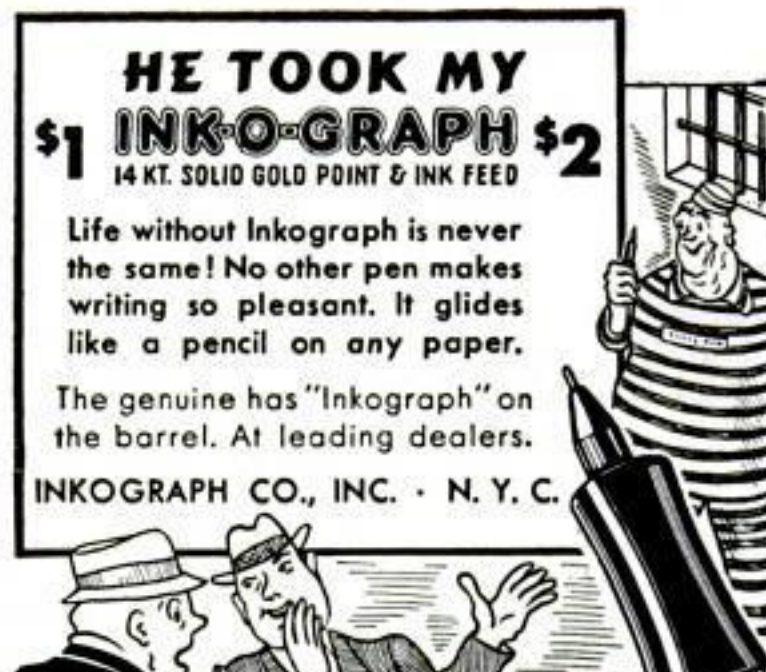


**HE TOOK MY
\$1 INK-O-GRAPH \$2**
14 KT. SOLID GOLD POINT & INK FEED

Life without Inkograph is never the same! No other pen makes writing so pleasant. It glides like a pencil on any paper.

The genuine has "Inkograph" on the barrel. At leading dealers.

INKOGRAPH CO., INC. • N. Y. C.



Switch to Frank

MEDICO

FILTERED SMOKING

66 Baffle Filter Thrills Smokers

USED IN MEDICO PIPES, CIGAR, AND CIGARETTE HOLDERS

New York—The scientific, absorbent filter has contributed mightily to the smoking pleasure of millions of men and women who have switched to Medico Filtered Smoking. Actually, the smoke must travel through 66 "baffles" before reaching the mouth. Flakes and slugs are trapped; and the smoke is whirl-cooled as it winds its way through the filter.

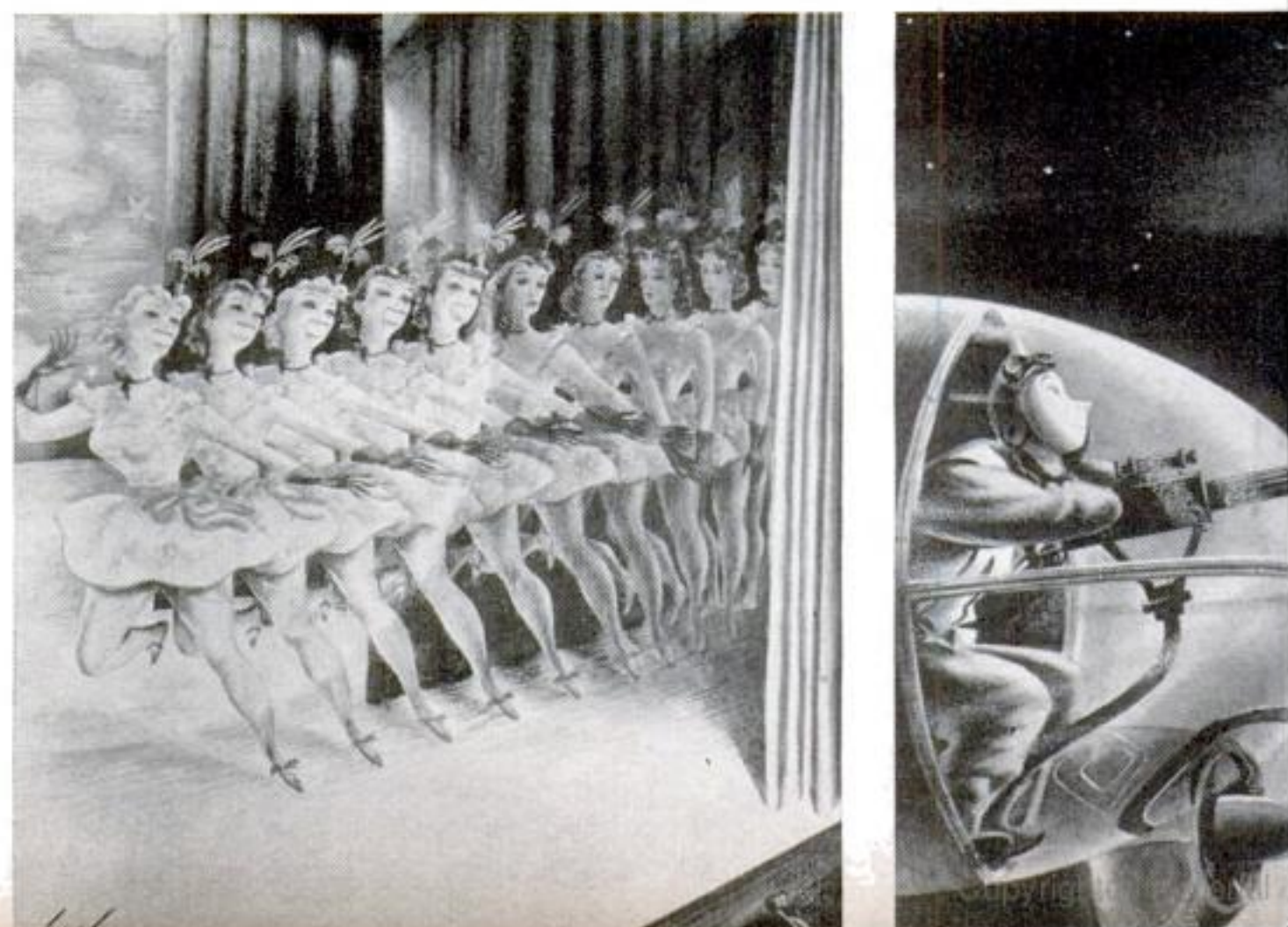
ABSORBENT FILTERS for Frank MEDICO
PAT'D BAFFLE SCREEN INTERIOR WITH "CELLOPHANE" EXTERIOR

GENUINE FILTERS FOR MEDICO PACKED ONLY IN THIS RED & BLACK BOX

\$1.00




Constantin Alajalov (pronounced Ah-lah-jah-loff), who is very sophisticated, learned his sophistication the hard way. He has been government artist for Soviet Russia, portraitist for a Persian khan, sign painter for Constantinople cabarets, muralist for





alexander lajlov

New York restaurants, artist for *New Yorker* covers. This Russian, who sees satire from the window of a honeymoon limousine and sentiment in a bomber's moon, publishes his best recent work in *Conversation Pieces* (Studio Publications Inc., \$3.50).



Hands that help make **bombers**
can still be "**smoothies**"



Here's Proof!

...All day long, pretty Sally Kifer makes small parts for the Grumman Avenger—Navy's newest torpedo bomber. She says: "My hands were getting so rough from my work that they were uncomfortable all the time. And they looked a sight!" But Pacquins Hand Cream brought a welcome change! "It's wonderful! In a very short time, my dry, rough hands began to feel soft and smooth. What a comfort!" Sally says she's proud of her hands now on her free-time dates. Says they "really are 'smoothies.'"

Pacquins Hand Cream
was created
for doctors and nurses
whose hands
are in water 30 to 40
times a day



"I use Pacquins right on my job, every time I wash my hands. I can, because it's not the least bit greasy, even though it's so rich and creamy. It doesn't show on my hands and it gives them the protection they need."

**More women workers in
war industries use Pacquins than
any other hand cream**



"Every night before bedtime, I use Pacquins on my lips, elbows, and wrists, as well as on my hands. Smooth it on my knees and ankles, too, or on any other spots that may feel dry. And before evening dates, I use it to make my hands look *extra* smooth and nice."

You may make or grease "machines" in a war-time factory—or you may only wield kitchen pans and *save* the grease. Either job is hard on your hands, and calls for Pacquins Hand Cream. This rich, wonderfully protective cream helps banish roughness and redness. It's greaseless—won't rub off on clothes. Don't wait! Get wonder-working, economical Pacquins today!

AT ANY DEPARTMENT, DRUG, OR TEN-CENT STORE



A CONVENIENT CREAM—NOT A LIQUID. A
LITTLE OF IT GIVES SO MUCH PROTECTION!

Pacquins
HAND CREAM



"Freedom," or "free," is the symbol given in sign language (above) by guests who spell out words of *The Star-Spangled Banner* at Victory dance sponsored by the Washington chap-

ter, National Fraternal Society of the Deaf. They bought war bonds with \$110 proceeds, hope the party will be forerunner of similar N. F. S. D. benefits throughout the country. There

was a floor show and beauty contest and, during the evening, dancing. Mutes keep time to music by means of vibrations felt in their feet. They dance smoothly, dislike jitterbugging.



"Miss Victory" (center) is dark-haired, blue-eyed Frances Todd, who is studying for an M.S. degree at Gallaudet. The pretty contestants shown with her also are deaf.

THE DEAF PEOPLE

They sing national anthem at Victory dance

A seeming paradox occurred last month at the Carlton Hotel in Washington, where 300 deaf mutes "sang" *The Star-Spangled Banner* to accompaniment of a four-piece orchestra (see opposite page). Actually, they spelled out the words on their fingers, but in perfect unison and with considerable feeling, as the pictures of Miss Susie Koehn, who led them, indicate (see pictures below and on following pages).

All but a handful of guests at the party were deaf mutes (they refer to themselves as "The Deaf," or "The Deaf People"). Many were students at famed Gallaudet College (established in 1864), which is supported entirely by Congress and is the only institution of higher learning for the deaf in this country. There they learn not only sign language, which enables them to converse faster than a normal person can talk, but lip-reading, which is mainly useful in enabling them to talk with those who are not deaf.



SUSIE KOEHN, GALLAUDET COED, "SINGS" THE ANTHEM IN SIGN LANGUAGE

CONTINUED ON NEXT PAGE

"Dear Dad"

Dear Dad: I won't be home this year
To celebrate with you
We men here in the A.E.F.
Have got a job to do—
But when on Christmas morning
You are poking 'round the tree
You'll find a pound of Edgeworth there
That's marked "to Dad from me."

I'm sure that Mother won't forget,
I wrote a note to say:
"Please buy some Edgeworth Ready-
Rubbed
For Dad on Christmas Day."
So here's a Merry Christmas, Pop,
Hold on till I get back
And we'll smoke a pipe together
From that famous true blue pack.

You know, when you are giving a token of your affection to someone close to you—like your Dad—or your Son, or Brother, or Husband—you don't want to compromise with quality. So if there's a pipe-smoker in your family—give him a pound or two of Edgeworth for Christmas. It's America's Finest Pipe Tobacco.



IT'S PERFECT TASTE
—To Give the BEST

EDGEWORTH
AMERICA'S FINEST PIPE TOBACCO

10

Nutritious Breakfasts in this one handy carton!

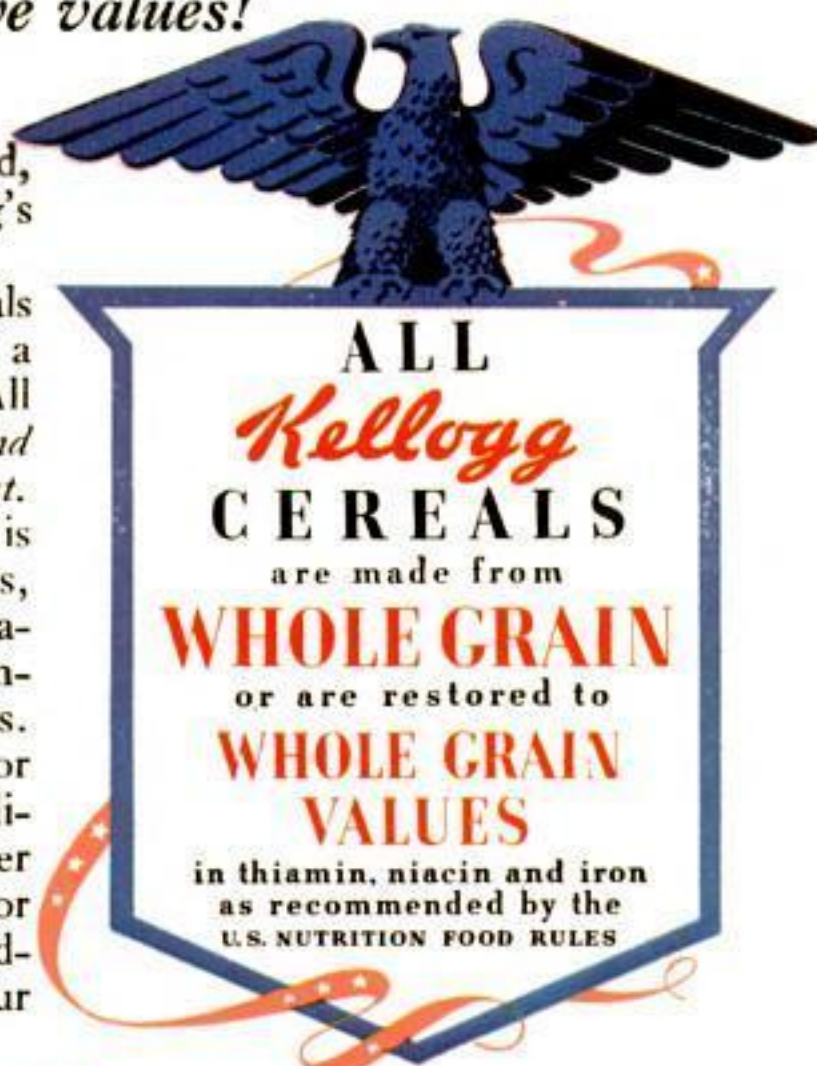


6 different Kellogg Cereals—and they all are made from whole grain or restored to whole grain nutritive values!

Yes, 10 breakfasts . . . each extra good, and good for you . . . in Kellogg's Variety Package!

There are 6 different Kellogg Cereals in this convenient, "tray" carton . . . a type to suit the taste of everyone. All are crisp and fresh. And they're the kind of cereals Uncle Sam wants us all to eat. Each is made from whole grain or is restored to whole grain nutritive values, through the addition of thiamin (Vitamin B₁), niacin, and iron, as recommended by the U. S. Official Food Rules.

For variety at breakfast . . . and for nourishment too, enjoy a different delicious Kellogg Cereal every day. Whether you prefer cereals made from corn or wheat or rice . . . flaked, popped, shredded or in biscuits . . . you'll find your favorites in Kellogg's Variety Package.



Kellogg's
VARIETY PACKAGE



6 Different Cereals
10 Generous Packages

"SAY"



"CAN"



"YOU"



"SEE"



"BY"



"THE"



CONTINUED ON NEXT PAGE



FIGHTIN' FOR YOU...THESE

*"Nutrition
Guards"*

IN **LIBBY'S** TOMATO JUICE

A whiz for flavor, too!



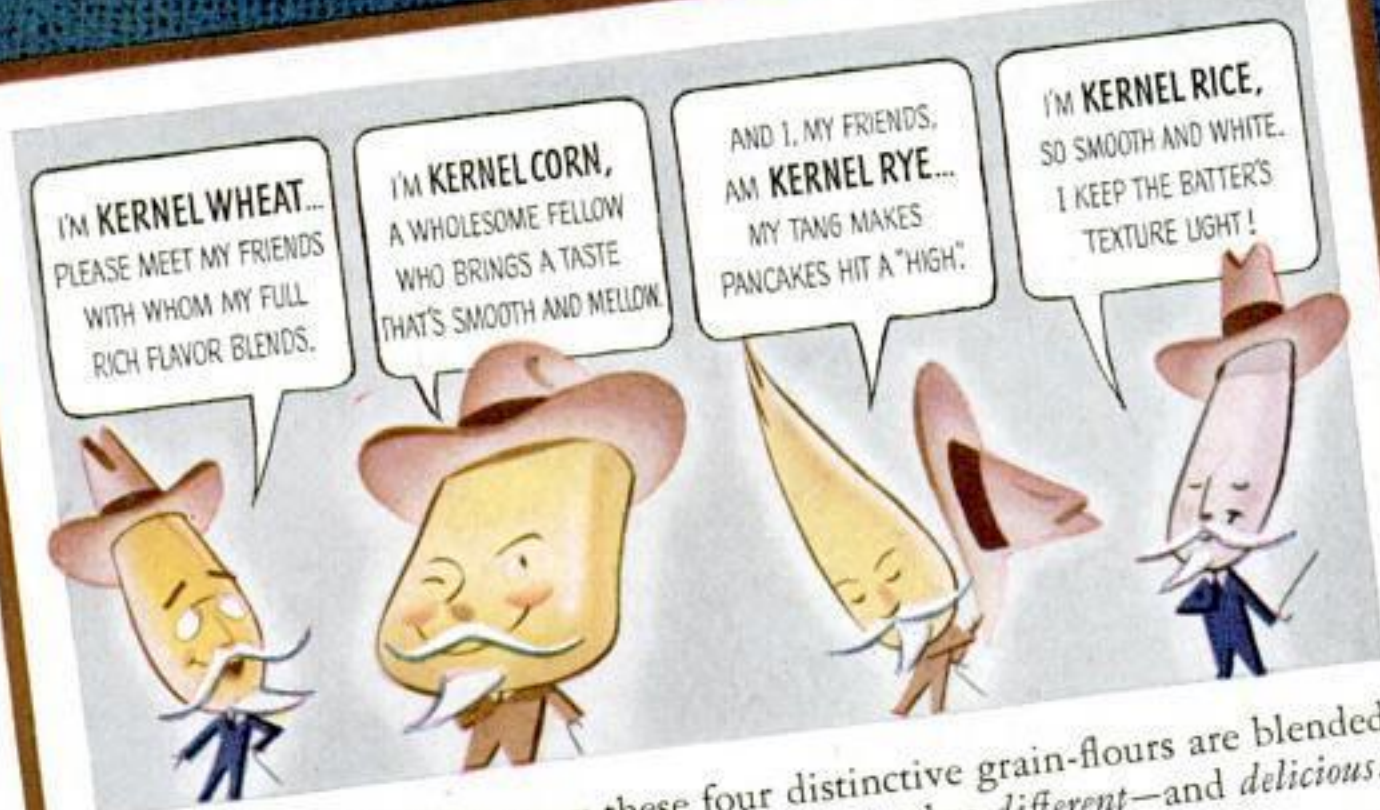
➤ The juice of prize-variety tomatoes, Libby's has sparkling, tempting flavor. It is a rich natural source of Vitamins C and A. It also supplies good amounts of Vitamins B₁ and G and small quantities of minerals—iron, calcium, phosphorus.

➤ Our armed forces and lend-lease are getting great quantities of this juice. If your dealer should be out of it, please try Libby's Pineapple Juice or one of the 8 other Libby's Juices. The Libby label is your promise of exceptional goodness in over 100 foods.



Save money.
Buy the
large sizes

Now for something special in pancakes!
Pillsbury's...
with that delicious "4 Kernel" flavor



"SPECIAL" IS RIGHT! The way these four distinctive grain-flours are blended in Pillsbury's Pancake Flour makes these pancakes different—and delicious! Just taste 'em!

© PPM CO. TRADE-MARK REG. U.S. PAT. OFF.

Pillsbury's PANCAKE FLOUR

(Have you tried
Pillsbury's Buckwheat
Pancake Flour lately?)



The Deaf People (continued)

"DAWN'S"



"EARLY"



"LIGHT"



Anne Nissen, gallant bride-to-be of a soldier

Her engagement to Lawrence Van Orden was announced by her parents, Mr. and Mrs. John C. Nissen of New Jersey, shortly before "Larry" went into the Army.

ANNE IS IN UNIFORM, TOO—the trig little overalls-and-blouse that girls in defense plants all over the country are wearing. "I couldn't have Larry do all the fighting," Anne says. "I wanted to do *my* share. I'm not carrying a gun—but I *am* working with explosives."

She is in a big munitions plant—employing 1,000 women. She works on rotating shifts from 7 a.m. to 3:30 p.m.—3:30 p.m. to midnight, or midnight to 7 a.m.!

Anne has sky-blue eyes and a very fair peaches and cream complexion. She says, "In a war plant you work indoors and with intense concentration. This begins to show in your face if you're not careful. Your skin gets a tense, drawn look. I've always used Pond's Cold Cream. It helps keep my skin feeling so *soft* and *smooth*, and it's a grand grime remover when I get home."

Anne uses Pond's *every* night, and for day-time clean-ups, too. She smooths Pond's Cold Cream over her face and throat—pats gently to release dirt and old make-up. Tissues off well. "Rinses" with more Pond's for *extra* cleansing and softening—and tissues off again.

Do it *yourself*. You'll see why war-busy society women like Mrs. Franklin D. Roosevelt, Jr., Mrs. Anthony J. Drexel, III use Pond's—why more women use it than any other face cream. Ask for the *larger* sizes—you get even *more* for your money. All sizes popular in price, at beauty counters everywhere.

SHE HANDLES HIGH EXPLOSIVES! Anne has been promoted step by step in the intricate processes of making shells—and has recently completed a special course to become a "job-instructor" in training other girls.

She's Engaged!



ANNE'S LOVELY RING is simply set in a plain gold band. A small diamond is set on either side of the sparkling center stone.

SHE'S LOVELY! SHE USES POND'S!

A DARLING BLONDE COUPLE! Anne and Larry have been friends since high-school days—but on Anne's birthday last year they started devoting *all* their spare time to each other. Anne's lovely complexion is one of her chief charms. "All I ever use is Pond's Cold Cream," she says. "It suits my skin just beautifully." Yes—it's no accident so many lovely engaged girls use Pond's!

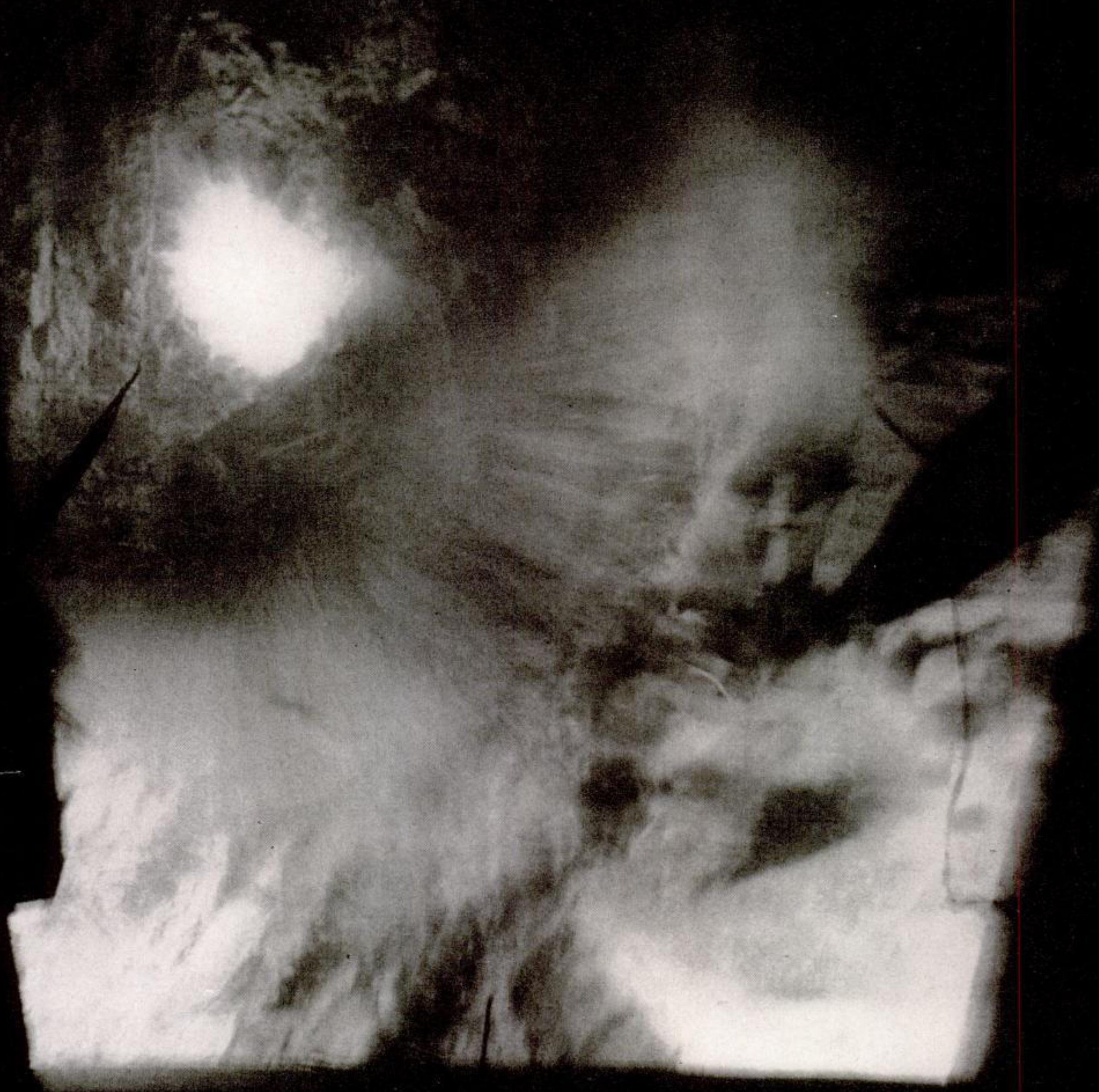
FOR ENGAGED HANDS
—lovely new Pond's Lotion
(Danya)



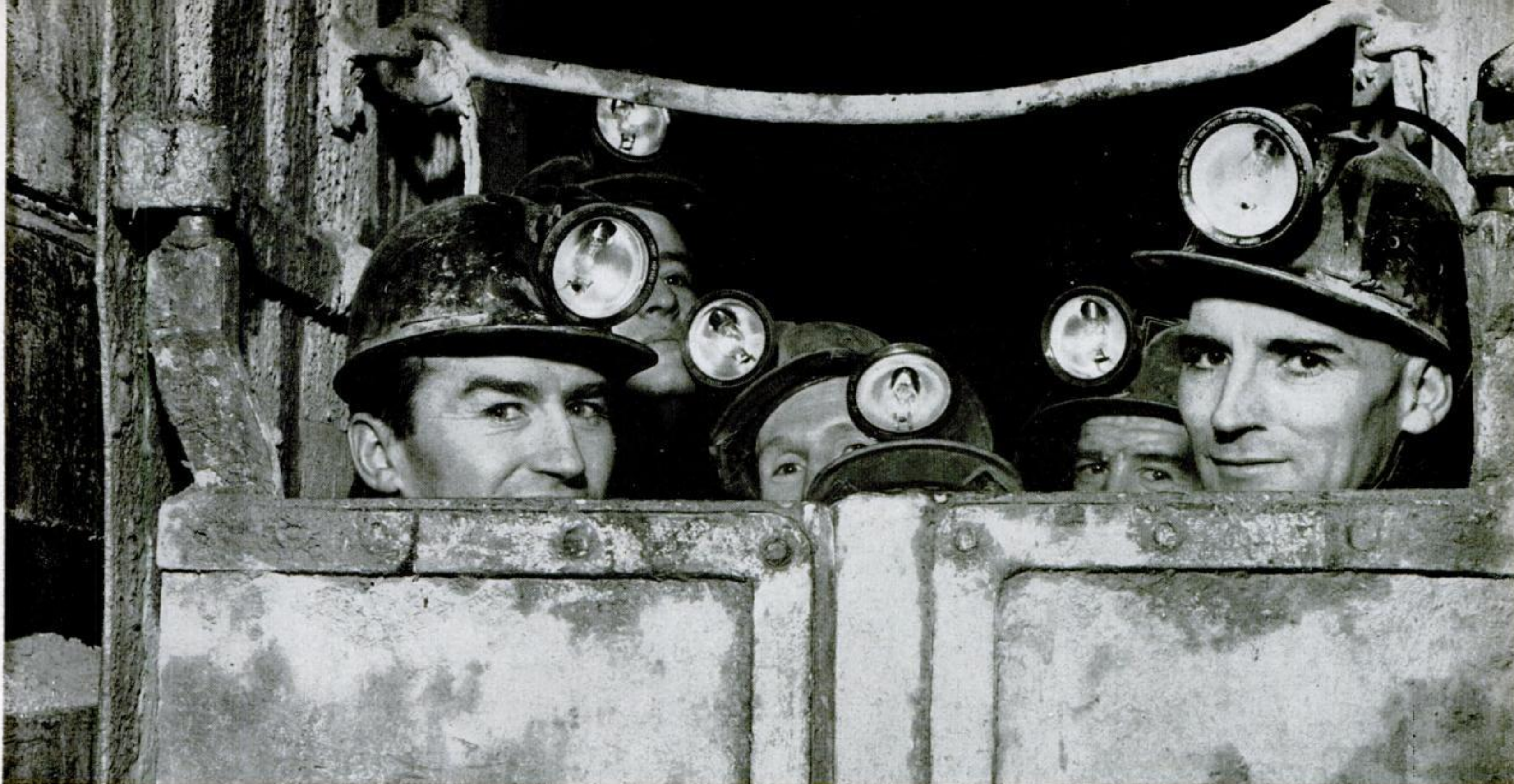
Pearl-glowing creaminess
blended to:

- soften hands in one application
- give busy hands a whiter, sweeter look
- relieve irritated chapping quickly





**BLAST 500 FT. BELOW
SURFACE LOOSENS TON
OF RED MANGANESE ORE**



SIX MANGANESE MINERS, HEADLAMPS GLOWING, DESCEND TO THE 500-FT. LEVEL OF THE EMMA MINE IN BUTTE, MONT.

WAR METALS

MINING BOOM SQUEEZES STRATEGIC METALS FROM WEST

In every war since the invention of gunpowder, the winning outfit has been the one that could throw the greatest amount of metal at the enemy in the shortest time. To wrest a greater supply of metal from the earth in a shorter time than its enemies, the U. S. is in the midst of the biggest mining boom of history. With cheap foreign sources of manganese, chromium, tungsten and mercury cut off, with demands for domestic iron, copper, lead, zinc and molybdenum soaring, the continental U. S. is being squeezed to the limit for strategic metals. On the following pages LIFE shows how machinery in big mines and mills is hauling, lifting and processing huge new tonnages of ore; how

in old, forgotten holes men are grubbing for riches left by miners long since forced out of work by the low prices of depression; how all over the great spaces of the West isolated men and families are finding and mining the dribbles of ore which collectively are making the nation independent of foreign supplies.

For manganese, most important of strategic metals, the battle has been won. A year ago manganese, up to that time almost wholly imported from Africa and Russia, was the shortest of the critically short minerals. But by September 1942, supplies were ample. Responsible for this is forced production at the Anaconda Copper Mining Company's Emma Mine in Butte,

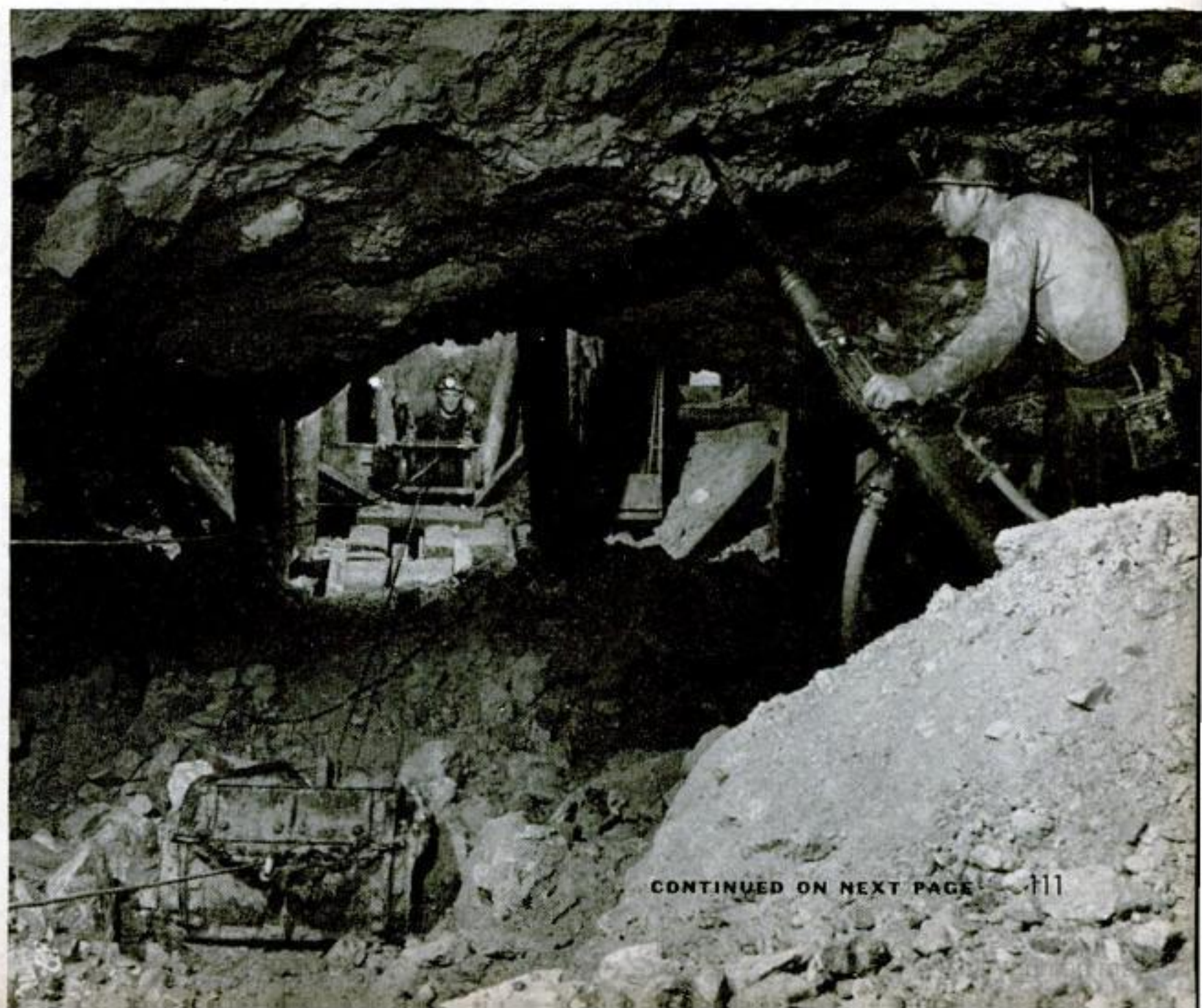
Mont. (*shown here*), plus increased imports from Cuba and yields from old mines in Georgia and Arkansas.

To every ton of steel must be added 14 lb. of manganese to carry off sulphur and oxygen which, if left in, would make ingots crack under the rolling mill. But before the Emma's manganese can purify steel, the rhodocrosite ore must be blasted from its tunnels, as in the unique action picture on opposite page. Then miners must shovel and drag the rubble into underground railway cars, haul it to the skip which hoists it to the surface. At the Anaconda mill, 26 miles away, useful mineral is separated from waste rock, bagged and shipped east and west to the nation's steel mills.

BEFORE BLAST miner tamps dynamite into drill hole. In picture opposite camera caught first instant of explosion as it flashes from depths of hole, blowing loose earth toward the camera.



AFTER BLAST a ton of ore lies slumped on the tunnel floor. With drag bucket, miner in distance drags loose ore to loading station while helper drills hole in headwall for next blast.



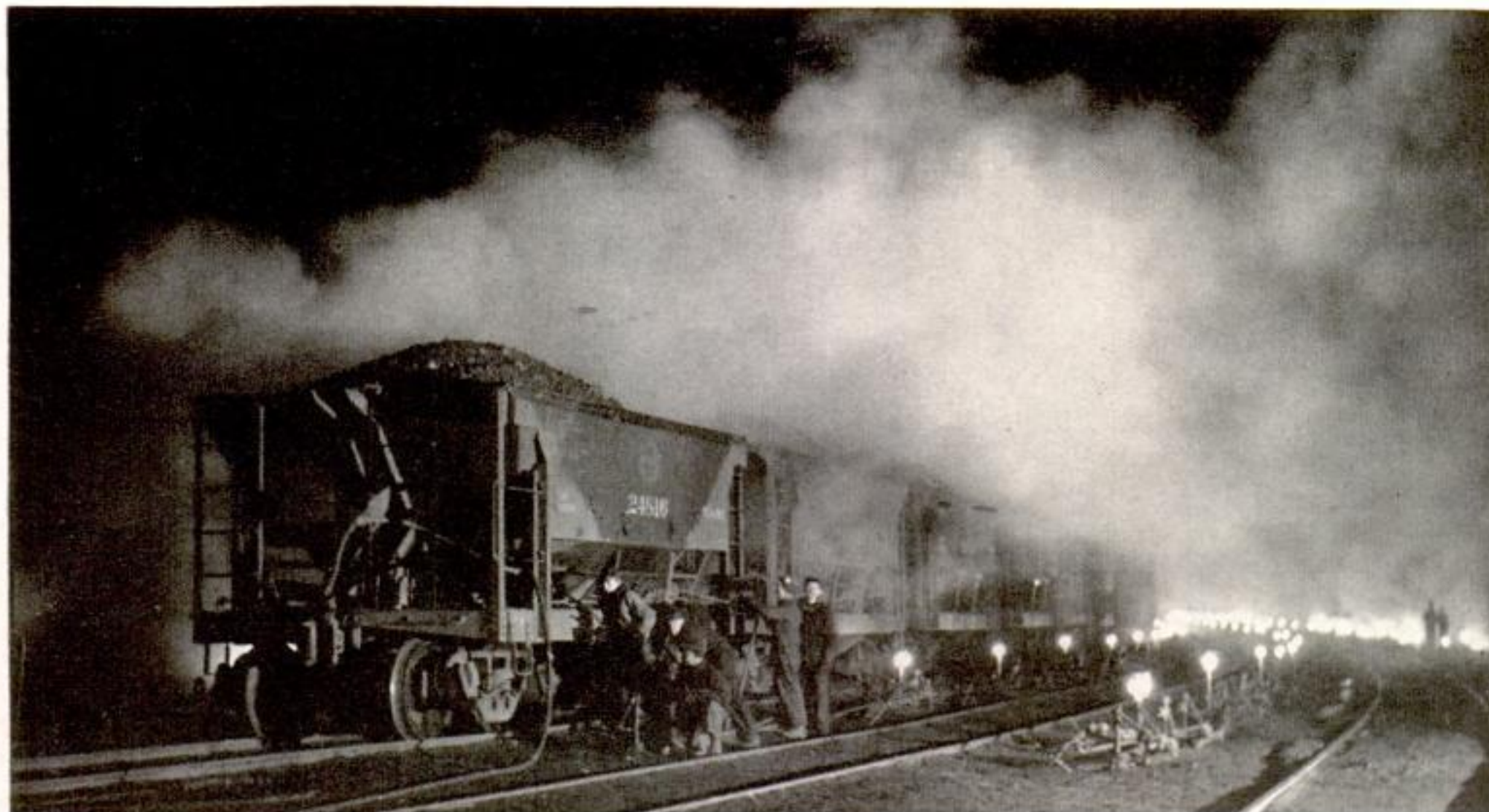
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OPEN-PIT IRON MINE near Hibbing, Minn. is world's largest. The pit covers seven claims, is 2.5 miles long, 370 ft.

deep and contains 60 miles of track. Electric shovels dig ore 24 hours a day, dump it into trucks which carry it to rail-

road cars. The light streaks show where trucks carry ore from shovels (*lower left*) to railroad loading platform (*center right*).



CARS ARE STEAMED at end of run from mine to docks to loosen the frozen ore. Before reaching docks each car is

weighed as it crosses without stopping. Men who mine ore get \$8.50 per day for filling train load every two to three hours.

IRON

Stretching for 100 miles parallel to the northwest shore of Lake Superior is the greatest iron-ore repository in the world. From Minnesota's Mesabi iron range have come 1,250,000,000 tons of ore in the 50 years since its rich ores were first mined.

In the late fall of 1942 an army of men and their machines is working night and day to force the Mesabi to yield a record year's total of 91,000,000 tons of ore. As the weather grows colder the electric shovels at the bottoms of the giant open-pit mines clank louder and the long ore trains roll faster down the 80-mile grade into Duluth-Superior. Here, in the nation's second-largest port in terms of tonnage handled, the big gondola cars run out onto long docks to dump their 60-ton loads into the 25 lake freighters which leave each day for Chicago and Cleveland, 840 miles south and east. All along the length of this complicated transportation system men are hurrying to beat the ice. When the lakes freeze, no more ore goes to the steel mills of Gary



DULUTH LOADING DOCKS are built high above the ships so ore will slide from ore pockets into ship holds. Most

complicated part of transportation system is at docks where different grades of ore must be sorted and dumped into right

pocket. When ore sticks, men crawl around it, loosen it with poles, taking risk of being buried under masses of falling ore.

O R E

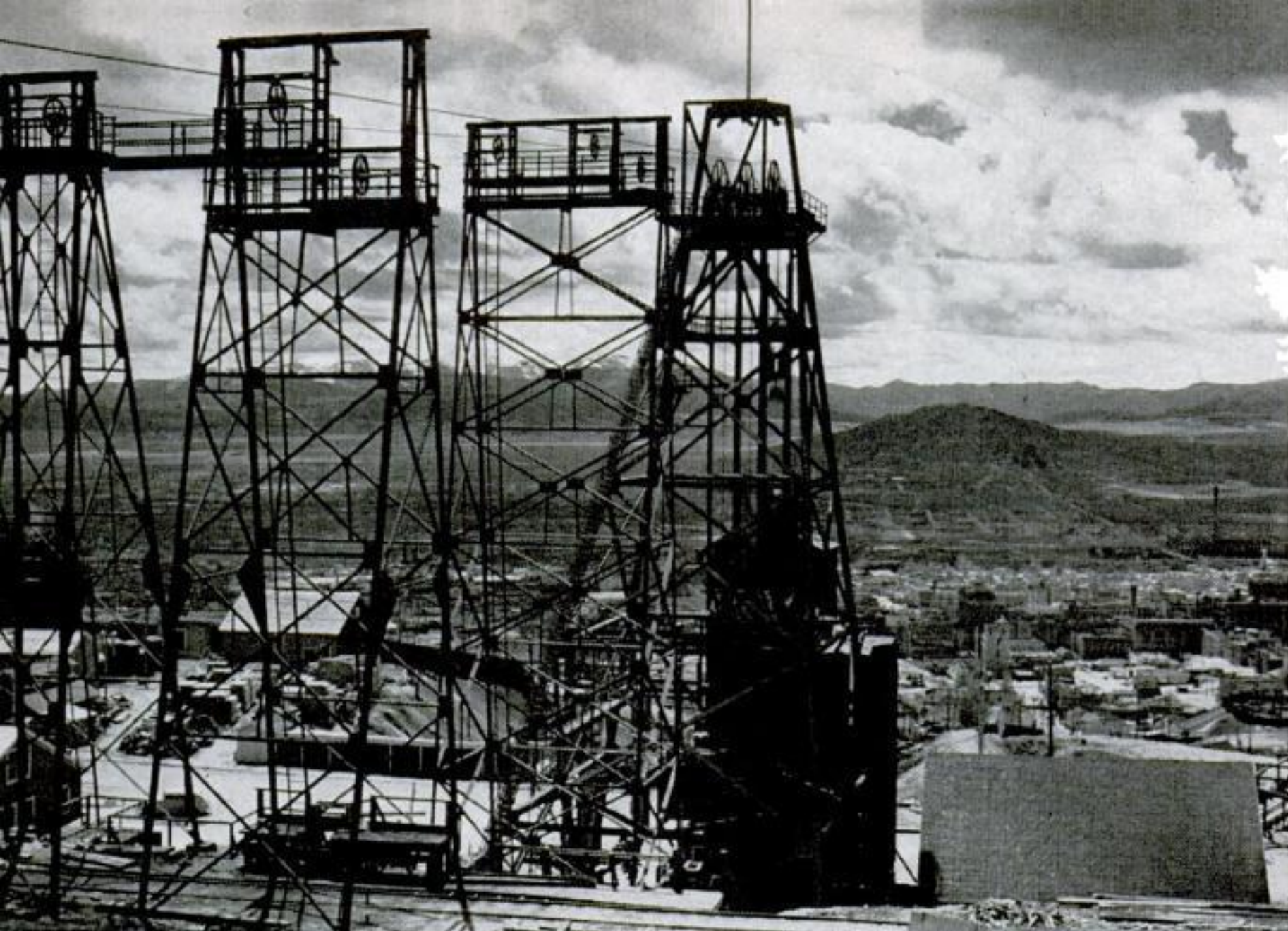
and Pittsburgh, Youngstown, Cleveland, Toledo and Lorain. Through the winter they have only a stockpile of iron ore accumulated during the summer upon which to draw for the making of their precious steel. Last year the ice closed in on Dec. 9. Given the same leeway this year, the Mesabi will yield enough ore to maintain capacity production in the mills until the first ore boat breaks through the ice next spring.

Unlike manganese, without which no steel could be produced, steel itself is still on the critical list of metal shortages. But the bottleneck is one of fabrication, not ore supply. Next year the Mesabi and its lesser sister ranges will be made to produce 100,000,000 tons, in 1944 perhaps 110,000,000 tons. For five years the Mesabi will be able to keep up the forced pace of war but by 1947 the range will have yielded most of its best 50% ore. Then science will have to devise methods of using the 40,000,000,000-ton reserves of low-grade 30% ore. When this is done the Mesabi will take on new life.



LOADING A BOAT with 10,000 tons of ore takes three hours. In fall sailors may expect high seas on trip to Cleve-

land. To get most out of the ships they are loaded beyond pre-war limits, sometimes return to lighten load because of storms.



COPPER-MINE HEADFRAMES, like these on famous Butte Hill, support pulleys upon which run cables for ore elevators called "skips." Butte Hill, which is the richest mineral storehouse in the world, bristles with headframes, is gutted with tunnels used to mine not only copper but manganese and zinc.



ANACONDA SMELTER (above) does processing for Butte mines, 26 miles to the north. Black semi-circle in center is waste from refining. Copper slabs being poured below are end product of the Anaconda refinery. They are 99% pure copper but must be further refined electrolytically before being used.

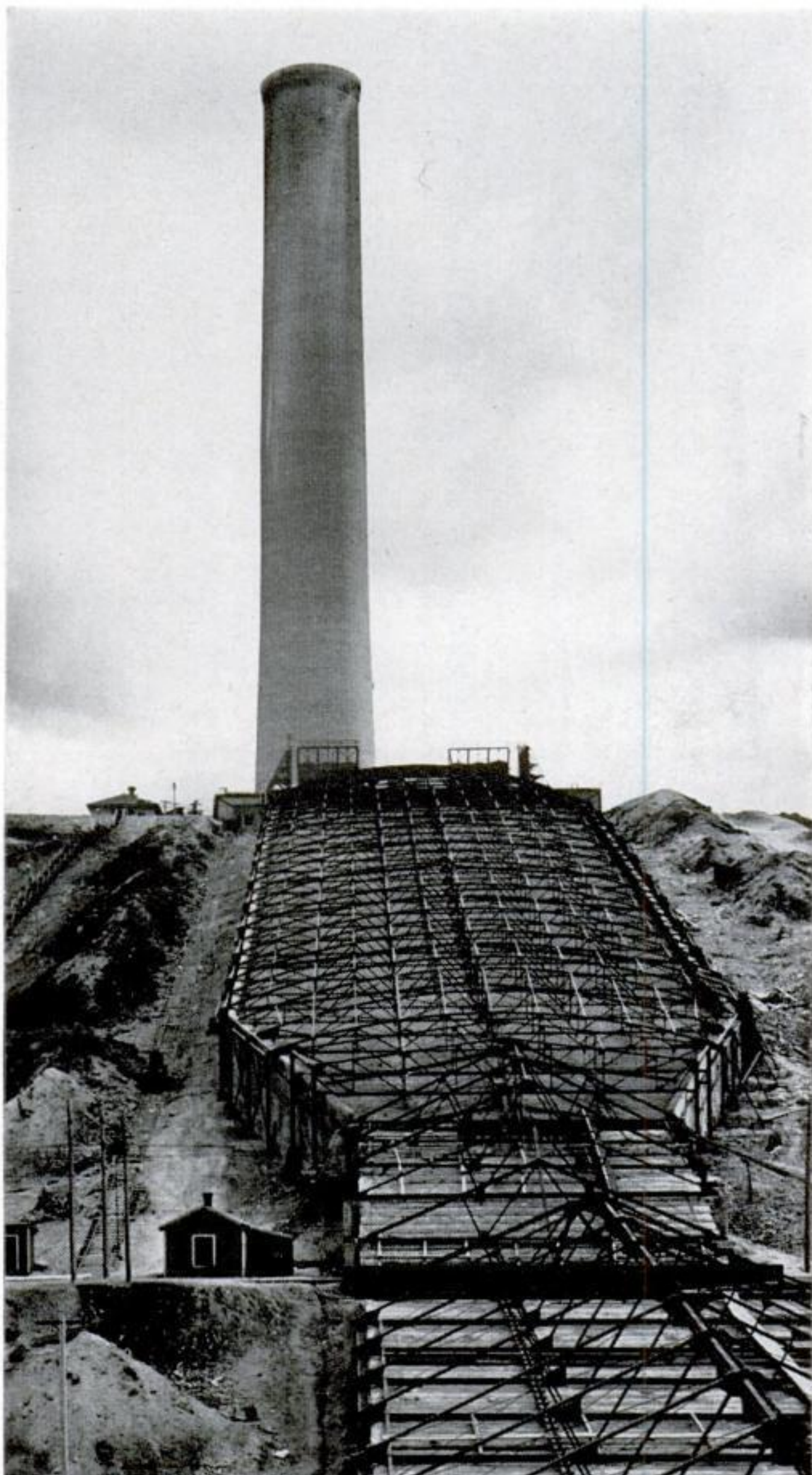


WAR METALS (continued)

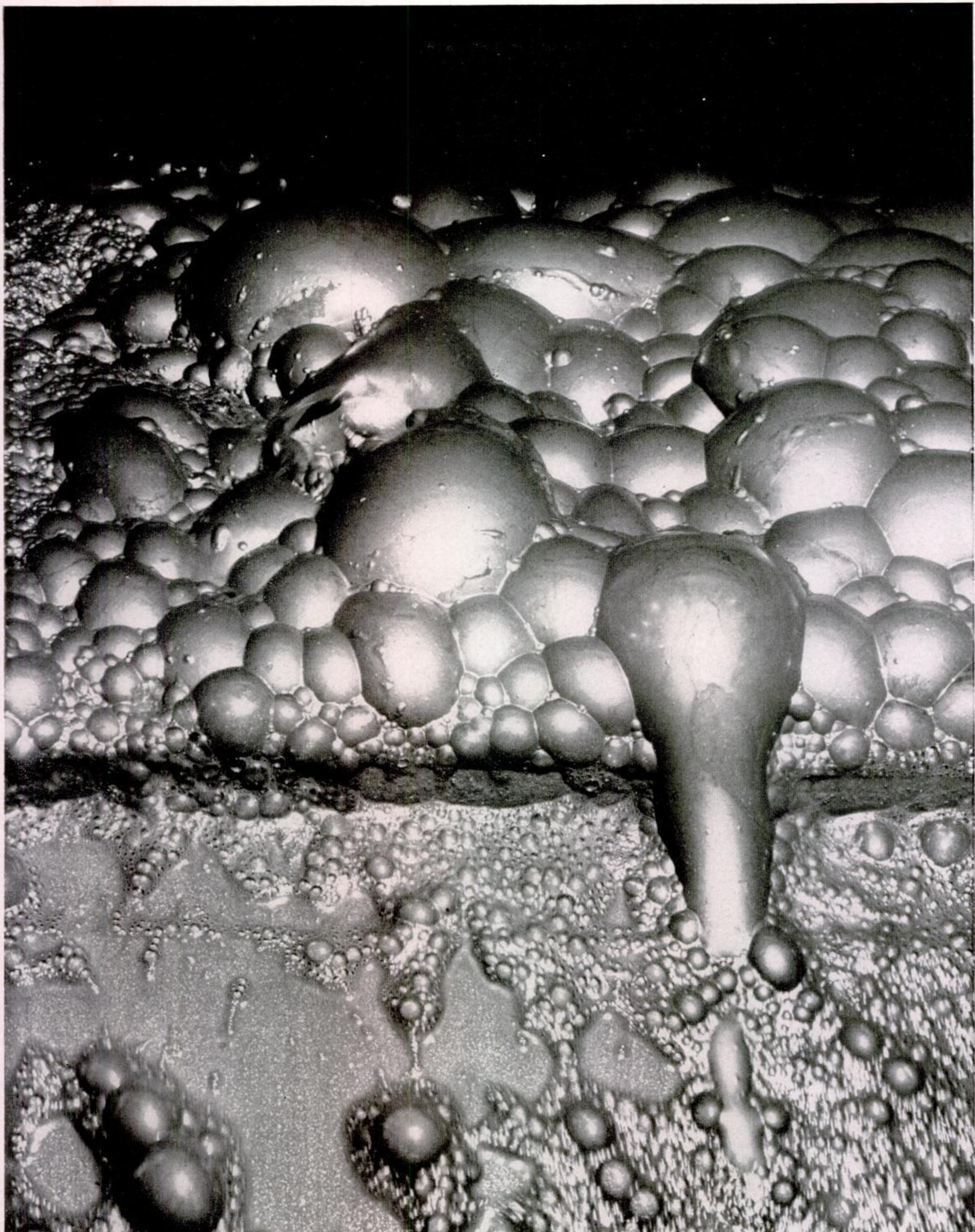
COPPER

Copper-producing was the first big private U. S. industry to have soldiers as regular employees. In September of this year the Army furloughed 4,000 former miners on condition that they go back to Montana and Utah and help dig copper. Although more copper is produced in the U. S. than anywhere else in the world, it was one of the first metals to go under priority and estimates for 1943 put supply 25% behind demand.

Chief reason for this is that complicated modern weapons consume endless miles of copper wire, tons of plate, sheet and copper alloys like brass and bronze. A Boeing Flying Fortress uses 3,000 lb. of copper, a battleship 1,000 tons. Second big reason for the shortage is that higher wages and better working conditions have lured Rocky Mountain miners to the Pacific Coast shipyards and aircraft plants. Others have been drafted. Thirdly, copper is a rare metal compared to manganese and iron which are found in workable deposits ranging up to 50% of the mineral. Most U. S. copper comes from ore averaging only 5% copper mineral. This means that enormous tonnages of crude ore, as high as 220,000 tons per day, must go through crushers, flotation cells (*opposite page*), thickeners and smelters before it has been sufficiently concentrated and purified so that metallic copper may finally be separated from waste material (*lower left*). All this takes time, makes rapid expansion difficult. Best bets to increase the nation's copper supply are: 1) up the imports from Chile which has the world's largest proven copper reserves at Chuquibambilla and which lies on the comparatively unmolested sea route along the west coast of South America, 2) tighten up the scrap program, and 3) make the miners happier.



WORLD'S LARGEST SMOKESTACK rises above Anaconda refinery. It carries off waste gases, provides draft for huge furnaces connected to flue in foreground.



FLOTATION is most crucial part of copper-ore processing. After ore has been finely ground it is fed into an oil mixture in flotation cells. Rising air bubbles cling to oily ore grains, carry

them to the surface where they spill over (*above*) and form a sludge. Waste material sinks to bottom. Then sludge is smelted, yielding metallic copper. Manganese ore must also be floated.



VANADIUM ore is extracted from deep inside this ledge by Vanadium Corp. of America in Naturita, Colo., 90 miles from nearest railroad. Small family mines nearby sell ore to

the Vanadium Corp. New process for extraction of vanadium from phosphates plus opening of new mines in Adirondacks will probably assure U. S. of ample vanadium supply.

VANADIUM, MOLYBDENUM MERCURY, LEAD & ZINC

Between them the United Nations control more than half the world's metal resources. But at the beginning of the war the U. S. had a secure and ample domestic supply of only one of the crucial ferro-alloy metals used to make steel strong, hard and tough enough for guns and armor. Of the world's molybdenum 66% came in 1940 from Bartlett Mountain rising 13,500 ft. in the Colorado Rockies. Used to toughen steel against stretch under heat and strain, it has been in such heavy demand for armament production that now it is almost as hard to get as copper.

In 1940 the U. S. was the world's second producer of vanadium used in the steel of crankshafts, tools, and locomotive and truck axles. First producer was Peru which is still exporting to help the U. S. round out its own supply from western Colorado. Here in one of the barrenest regions of the West new mills have gone up, new roads have been built, to handle the ore collected from hundreds of small pockets.

The bright red ore of mercury is the easiest of all ores to mine and process. All that is needed to make

the quicksilver vaporize out of the enclosing rock is the heat from a wood fire. When the peacetime supplies from Spain and Italy were cut off, U. S. prices for domestic mercury climbed from \$75 to \$176 for a 76-lb. flask. With the rise in price small mines, abandoned since the high prices of the last war, came back into production. Mercury combines with carbon, nitrogen and oxygen to produce mercury fulminate, the detonator in shells and cartridges and bombs. Combined into pharmaceuticals it forms a host of powerful antiseptics like bichloride of mercury.

The U. S. is the world's greatest consumer of all the metals but it is also the greatest producer of iron, copper, lead and zinc. As with copper, armament production has pushed the demand for lead and zinc to the point where abandoned mines are being reworked (*right*). From them is coming a supplement to the huge tonnages flowing from the big mines in Missouri and New Jersey. By 1943 supplies of lead for bullets and storage-battery plates, and zinc for alloying with copper to produce brass, will be adequate.



MOLYBDENUM, at rate of 23,000,000 lb. per year, flows out of famous Phillipson Tunnel to mill of Climax Molybdenum Co. In background is Bartlett Mountain which holds 90% of world's



LEAD AND ZINC comes from the revived ghost town of Leadville, Colo. In the last part of the 19th century Leadville produced fabulous wealth in gold and silver. Now these old mines are



known molybdenum ore. Tunnel penetrates the mountain where ore is blasted from big rooms. Mine is supplied by third-highest railroad in U. S. which reaches elevation of 11,319 ft. at Climax.



being reworked to produce 4,000,000 lb. of lead and 200,000 lb. of zinc this year. Dingy Leadville has put up bright new homes, stores, and miners have moved in from as far away as Los Angeles.



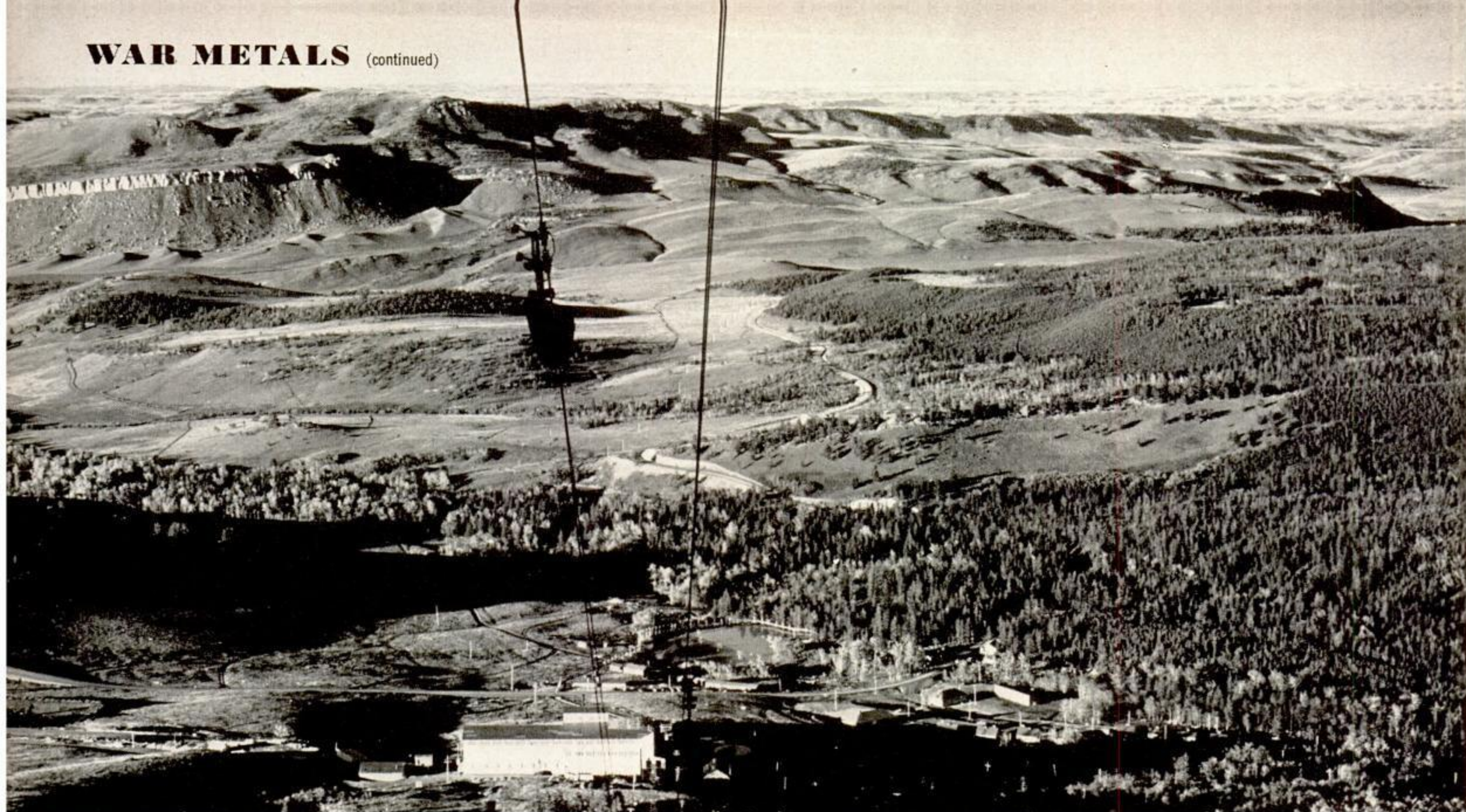
MERCURY ORE is wheeled from mine by Frank Dewey. With brother George, Frank operates small mine near San Francisco. In a good month the Deweys make \$1,000 from

their rich cinnabar ore, some of which is worth \$10 a shovel-ful. Ore is easily dug, then dumped into inclined iron pipe over wood fire. Mercury soon runs from lower end of pipe.



SMELTER at Leadville now flames day and night. Fiery slag, which is the melted waste from ore, makes a bright glow as it is dumped on slag pile. The smelter can extract

metal only after mill at mine has crushed and concentrated ore. Old residents of Leadville cling to nostalgic custom of serving gold nuggets in bottom of cocktails at big parties.



AERIAL CABLEWAY FROM BENBOW MINE ON MONTANA MOUNTAINTOP CARRIES CHROME ORE TO NEW MILL IN VALLEY

CHROMIUM

Chromium is the most versatile of the steel alloying metals. Chiefly it makes steel rustless. Exhaust pipes on aircraft engines which contain chromium stand up under thousands of hours of battering by hot, corrosive gases. Valves inside the engines, bathed in the same acid gases, pound up and down on chrome-steel seating rings. Chromium not only makes steel hard enough for armor plate, but is also used to make the Army's olive-drab uniform dye and to tan the boots of cavalymen.

Biggest strike of U. S. chromium has actually been known since 1917 in the Beartooth Mountains of Montana, but was left alone because ore could be imported more cheaply from Africa, the Philippines and Turkey. In 1940, as demand

began to go up, the pincers closed on U. S. supply lines. Promptly the Bureau of Mines pointed out the long-dormant strike to the Metals Reserve Co. In some of the fastest construction work in mining history, the strike was developed. Tunnels were blasted into the sides of the mountains, machinery was trucked in from the railroad at Columbus, 30 miles away. By early 1942 the trucks which brought machinery in began hauling ore out. With the addition of imports of high-grade chromium compounds from Cuba, the U. S. supply is approaching demand. By the war's end the Montana veins will probably be producing 500,000 tons a year, transforming the U. S. from the world's largest chromium importer to its greatest producer.

INSIDE BENBOW MILL, COARSE ORE DIRECT FROM MINE RIDES UP RUBBER CONVEYER BELT TO FIRST SERIES OF CRUSHERS



TUNGSTEN

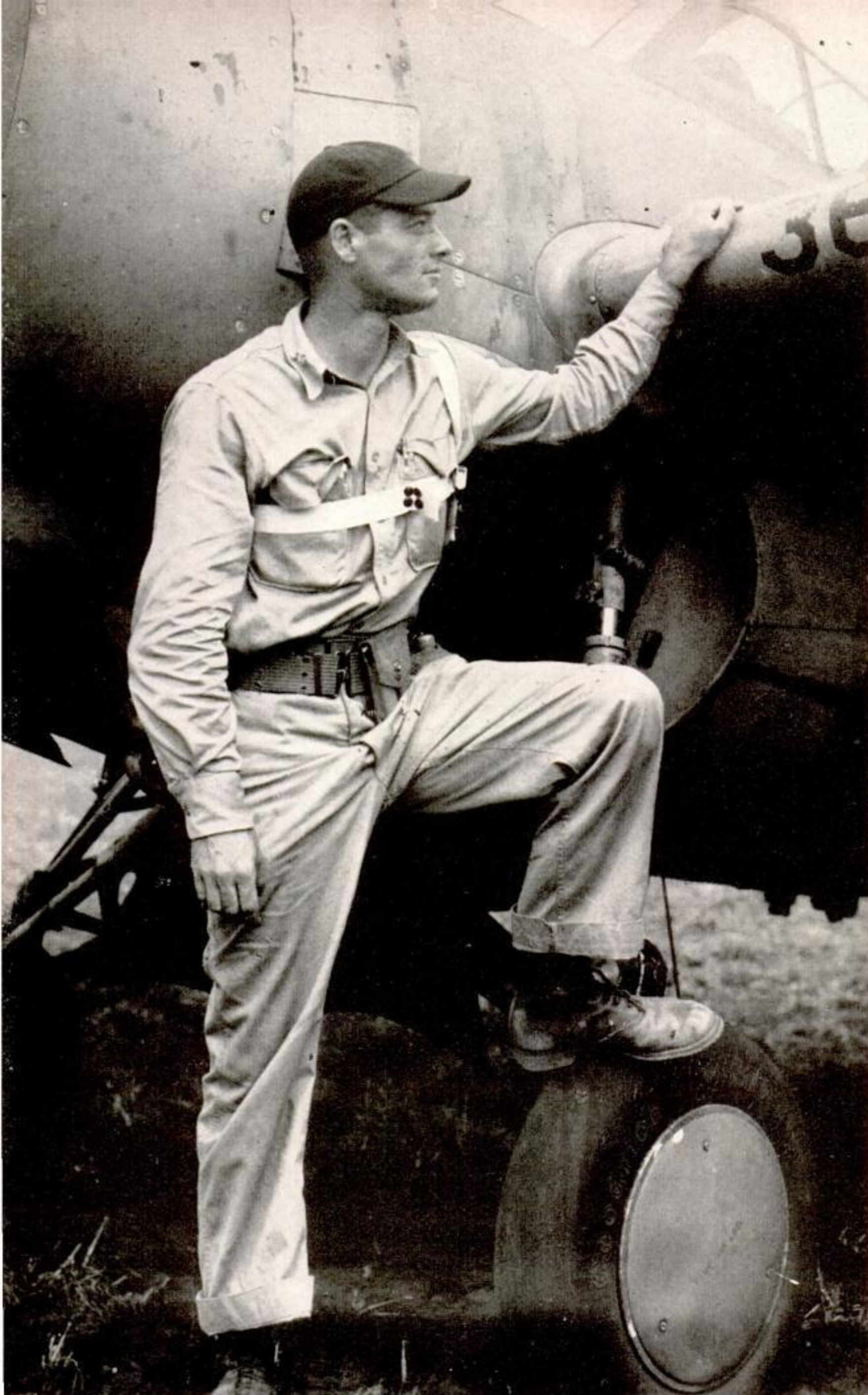
Tungsten, extracted from the drying mud below, is sintered with carbon and titanium to produce man's hardest artificial substance, tungsten carbide, almost as hard as diamond. Brazed in a tool, it will cut the hardest steels faster and deeper than any other compound. Tungsten carbide tools will hold their edge at red heat when other tools soften and have to be cooled, slowing production one-third. Because tungsten will resist heat up to 6,100° F., its alloys line the barrels of fast-firing guns and the pure metal glows to incandescence in light bulbs.

Unlike chromium, tungsten is widely distributed over the earth in workable but small and scattered deposits. When U. S. sources in the cheap-labor areas of China

and Malaya were cut off, hundreds of U. S. prospectors fanned out all over the barren West, began lifting speculative shovelfuls of rock or mud in the hunt for new pockets of ore. Many carried portable fluorescent lamps which make tungsten ore glow a telltale gray. One big strike is in the Yellow Pine district of Idaho which now accounts for 25% of U. S. production. But new strikes have not been enough, and waste piles from old mines which flourished during World War I are being reworked. Their contents are run through a mill, then flowed out onto concrete pans to dry into a usable concentrate (*below*). With imports from Bolivia there will be enough tungsten to machine engines and strengthen guns for as long as the war may last.

TUNGSTEN CONCENTRATE FROM REWORKED WASTE OF OLD ATOLIA MINE, NEAR LOS ANGELES, IS DRIED IN THE DESERT SUN





Captain John Lucian Smith, now a major, stands by his Grumman Wildcat on Guadalcanal. He wears the baseball cap, cherished by Pacific pilots, to shade the fierce tropic sun from his eyes.



The nine who came back pose in front of their Ready Tent. They are, first row (left to right), Gutt, Squadron Commander Smith, Carl, Winter; second row, Read, Hughes, Frazier, Jeans, Marvin.

CAPTAIN SMITH AND HIS FIGHTING 223

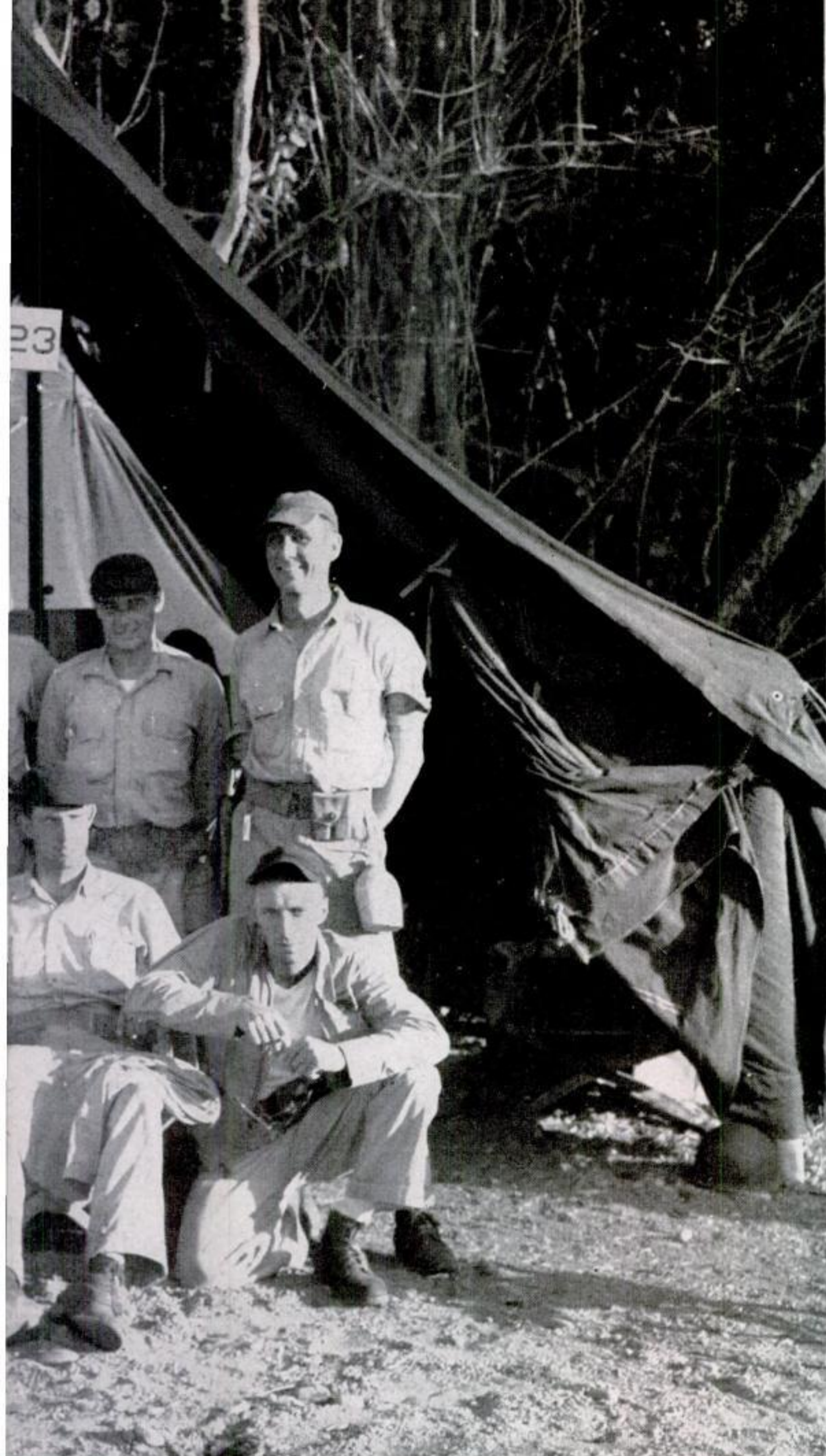
Commander of Marine squadron in Solomons shoots down 19 Jap planes to set American record for this war
by RICHARD WILCOX

If any military man in Hawaii last June had told a colleague that Marine Fighting Squadron 223 was made of the stuff of heroes, he would have been laughed out of the Islands. It would take months for a bunch of kids, most of them straight from flying school and just learning to navigate, shoot and maneuver in their Grumman Wildcats, normally to be able to fly together as a squadron. Even the young squadron commander, Captain John Lucian Smith, who had begged and borrowed planes for his green pilots and was now forging them and his raw ground crews into a fighting machine, could not expect a miracle. All he could do was to double and redouble flying schedules, keep pounding technical knowledge into the heads of his enlisted men in the hope that the transformation from farm hand and store clerk to aircraft radioman and mechanic would be rapid and halfway thorough. And he could pray that when the time came for the attack on the Solomons, VMF 223 would be prepared to fight.

Captain Smith was the senior pilot of the squadron, a hard-jawed, hazel-eyed marine who had been born in Lexington, Okla. 27 years ago. He had

grown up like a thousand American boys, playing football in high school and going on to the University of Oklahoma, where he took an accountant's course. On graduation in 1936 he joined the Marines and served a required two years as an artillery officer before being allowed to go to Pensacola and become a flier. Shortly before the war he was in a dive-bombing squadron and was transferred to a fighter outfit which was sent to relieve the garrison at Wake Island after Dec. 7. The squadron never got to Wake in time and it was left at Midway. There, above the sandy spits and coral reefs, Smith became a skilled fighter pilot. When he was called back to Pearl Harbor in the late spring and ordered to organize VMF 223, he was eminently fitted for the job. So well had he learned his trade that in 54 days, above the jungle peaks and tropic seas of the Solomons, he was to shoot down 19 Japanese planes—a tally never before achieved by any American in World War II.

It was the end of July and the gray ships were slipping out of Pearl Harbor and heading south. Day after day, Navy squadrons would lift from the runways at Ford Island to seek out their sea-borne carriers and settle on them for



Sign stands for V (heavier than air) M (Marine) F (Fighting). Fighting 223 stands for Squadron 3, Group 2, Second Marine Air Wing, was familiarly called "Fighting 23" by its marine members.

the trip to Southwest Pacific bases and then to the assault on the Solomons. Finally VMF 223 was told its time had come. The order came on a Sunday to be on the carrier Tuesday morning. That left two days for a few final drinks in Honolulu, some movies and a last telephone call back to the States to sweethearts and wives. Smith was just leaving the field for town Sunday morning when the order was countermanded. VMF 223 had to be aboard in three hours. In the feverish haste of packing and last-minute plane checkovers, the squadron left Hawaii before it had time to make its farewells.

On the carrier, Squadron Commander Smith looked over his pilots. There were 20 of them—all hard, clean-cut members of the new breed of fighting men who are at home only in the air. There was the squadron executive, "Bulldog" Morrell, a star lineman on the 1936 Annapolis football team. There was Roy Corry, who had been at Midway and who brooded about being killed. There was Hyde Phillips who liked to talk and Marion Carl who liked to sleep. "Red" Kendrick was just out of Harvard Law School and "Scotty" McLennan a few years out of Yale. Pond and Frazier were the ones who used to bet about the number of Japs they were going to shoot down. Bailey thought of the wife with whom he had lived for only a day before being sent into the Pacific. Charley Hughes was fond of telling elaborate stories which always fell flat. Fred Gutt made sly sarcastic remarks which were always funny. "Marve" Marvin and "Rapid Robert" Read were the big slow boys of the outfit and used to take a lot of kidding about their laziness. The rest were average Americans, some light-hearted, some solemn, some emotional—Trowbridge, Winter, Jeans, Lees, Ramlo, Lindley, Canfield—they were names you might find on a Des Moines high-school basketball team. These were Captain Smith's 20, on a carrier standing out of Pearl Harbor on the morning of Aug. 2. In two and a half months, six would be lost and six



The Navy Cross is given to Smith for his aerial achievements. Donor is Admiral Chester Nimitz, Commander of the Pacific Fleet, who stopped at the Solomons on an October inspection trip.

wounded on a jungle island none had ever seen and whose name few had ever heard.

Captain Smith remembers that voyage as a passage from one life to another. The guns of each plane, which are life or death to a fighter pilot, were tested to make sure that they were accurately sighted and would not foul in combat. Roy Corry, the squadron's gunnery officer, would have the planes wheeled over to the carrier's side and fidget with gun switches, sending white lines of tracers into the blue sea. "Quit wasting the lead, Roy," the boys used to tell him. "Save some for the Japs." But Roy kept at it until he was sure the guns would be ready. Red Kendrick, the navigation officer, found some books on weather in the carrier's wardroom and boned up on them. He became the self-appointed weather officer and was on the flight deck all the time, squinting at clouds. Every night the squadron would gather to pool its pet ideas about tactics. Scotty McLennan figured out a way of turning back on a target after a pass from above, which became one of Fighting 23's best maneuvers. Amid all this activity moved Captain Smith who, as squadron commander, was executive as well as combat leader. He checked on the planes, saw that his enlisted men kept busy, inventoried supplies, read reports and shot the breeze with his pilots. He was one of the few who, when the first news of the attack on Guadalcanal came through, did not rise to new heights of boastful prediction. He and the four men who had been at Midway were quiet. They had a healthy respect for the Zero and the pilots of Japan.

One by one the southwest bases went by and they came nearer to the Solomons. Then, on the cold dawn of Aug. 20, the carrier came as near to their destination as it dared. The squadron's planes were sent to the flight deck and warmed up, their motors sending jets of blue flame into the mist. The carrier's captain came down to see Smith off. "We'll get your ground crews

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FIGHTING 223 (continued)

in by boat," he said smiling. "They need you right now, Captain. Good luck and good hunting." The Grumman's roared down the deck until all were air-borne, then Fighting 23 rendezvoused and headed for Guadalcanal.

Guadalcanal looked green and peaceful in the morning air. As they brought their planes over the airfield which had been captured from the Japs, all of Fighting 23 felt that this was going to be fun. Down below, the palms waved back and forth in the slight breeze, the sky was cloudless without a sign of a Jap plane. Their planes bumped on the runway as they landed and taxied over to a group of Marines running out of the woods. Smith noticed the men waving and cheering as he climbed out of his Grumman. As he walked over to them, a disheveled, dirt-stained marine ran up and saluted. There were tears in his eyes. "Christ, Captain," he said, "we're glad to see you. The guys have been praying for this day."

The squadron's planes had taken off with hard-rubber carrier-landing tail wheels which had to be changed to pneumatic wheels to prevent ground looping. The pilots got a few marines to hoist up the tails while they changed wheels. The marines were pathetic in their interest in the planes. They almost fondled them, so happy were they to see a new squadron on Guadalcanal. Changing the wheels, they gave the pilots a few tips about life in the jungle. These were simple and to the point. "Never go off in the jungles alone. Eat and sleep every chance you get. Duck when you hear a big one coming over." Then they took the pilots to get some camping equipment.

The squadron sets up camp

The equipment consisted of two blankets apiece, a tent and a mosquito net. All of it was Japanese, having been captured during the first attack on Aug. 7. As the squadron put up their Jap tents at the edge of Henderson Field, they felt like boys on a camping trip. They fooled around helping each other, put up a small sign reading VMF 223 on their Ready Tent and felt they were open for business. That night, sleeping on the unaccustomed steadiness of earth, they were bothered by shooting going on a few hundred yards to the rear. They dismissed it as routine and went back to sleep. The next morning they asked about it. "Hell," a marine said, "that was the battle of the Tenaru River. We racked up a thousand Japs last night."

The next day Fighting 23 was destined to receive its baptism of fire. Captain Smith took up four planes for a patrol sweep. There were Scotty McLennan, Red Kendrick and Sergeant-Pilot Lindley—none of whom had more than 200 hours in the air. Cruising at 8,000 ft. over Savo Island, Smith looked up to see six Zeros coming at him from 10,000 ft. Without a second's hesitation, he turned his squadron and headed for the Japs. Four Grumman's were not supposed to attack six Zeros, but Smith didn't think of that. All he knew was that the other planes were Japs and it was Fighting 23's business to shoot them down. The first Zero dove at Smith and passed without hitting his plane. As the next one came over, Smith rolled and caught its belly in his sight. He remembers his mouth going dry and his heart pounding as he squinted at the blue-green belly of his first Zero. Then, as his tracers stitched into its fuselage, it opened like a split melon and belched forth a cloud of black, heavy smoke. Captain Smith watched it spiral down and crash on the beach of Savo Island. Then he turned to pull his planes out of the fracas.

Lindley's plane had been hit in the attack and he had glided back

CONTINUED ON PAGE 124



Nights on Guadalcanal were spent in trying to forget the past day's fighting. Pilots dressed in pajamas and sat around in front of the tents, talking about girls and home.



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Strange Things Can Happen To Romance When A Girl Neglects Her Hands!

Men don't make sense, sometimes—but if your mother did not tell you, it's proper now for you to know: *A girl's sweet, tender hands hold the key that unlocks many a romance.*

Pretty face, pretty eyes, pretty figure — may all "go overboard" (so far as many a male is concerned) unless your hands are tempting. Because hands *begin* most romances.

Try This "Non-Soapy" Lotion

Be choosy about your hand lotion! Notice that Campana Balm contains NO SOAPY ingredients—consequently leaves no soap on your skin to dry it. It's a rich, concentrated lotion

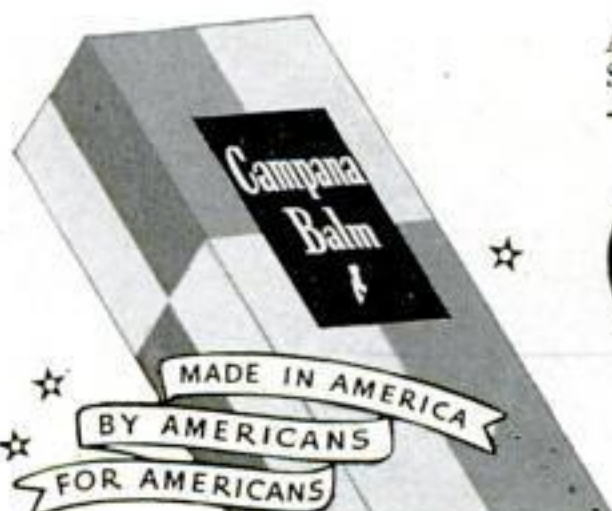
blended to an exquisite velvety smoothness. It helps your hands to precious white softness so quickly, so easily.

Improve the Youthful Appearance Of Your Hands This Way—

Every rich drop of Campana Balm gives your hands a double benefit: *protection* against work and weather, plus *softening* of the skin. Both are important—*softening* to give your hands the adorable smoothness that attracts romance, and *protection* to help keep them that way. You can depend on Campana Balm because it is *accepted* for advertising by the renowned Journal of the American Medical Association. Scores of physicians and nurses choose it above all others for their own personal use.

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Ask for "Regular" Balm if your skin is extra dry and extra sensitive to work, water, and weather. Smooths away winter chapping and roughness so quickly. Get "Special" Balm (lighter in weight—finishes fast) for less dry, less sensitive skin, and for mild climate and seasons. Never sticky.



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CHRISTMAS SURPRISE!

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The Colonial: (above) Antiqued ivory, maple or mahogany finish, 2-entrance. \$7.95.



Next to a certain voice, this is the warmest note of welcome. Many wise dealers, foreseeing the shortage, bought Edwards chimes in advance for this Christmas. Popular styles to choose from. **The Chapel:** Antiqued ivory finish, 2-entrance. \$4.95.



Symphonic tubing for rich orchestral tones, authentic traditional designs by Lurelle Guild, Edwards scientific precision. The chimes you want are probably available at your favorite dealer

—if not, it will pay you to seek this rare gift elsewhere. **The Westminster:** Walnut finish, beautifully illuminated, full range of 8 notes, 2-entrance. \$29.50.



EDWARDS & CO., NORWALK, CONN.

EDWARDS

Door Chimes

FIGHTING 223 (continued)

to Henderson, crash-landing on a runway. He was covered with oil when he climbed out and collapsed on the ground. None of the others had noticed that he had left and, as Smith led his planes toward the field, he looked back at the Zeros to see them twisting and maneuvering in strange acrobatic turns. "They're jumping on Lindley," he thought, turning his planes for the Japs again. McLennan and Kendrick, fresh from flying school, followed him. As they approached the Zeros once more, they searched the maze of planes for Lindley and, not finding him, headed back for the field. There they saw his plane pancaked on a runway so they went in and landed themselves. The squadron had exploded the myth of the Zero. Four Grummans had met six Zeros and all had lived to tell of it. Squadron Commander Smith had shot down his first plane.

Now began a grim routine of living and dying. In a few days the picnic atmosphere of life on Guadalcanal was dispelled. Life became a deadly, never-ceasing struggle. Fighting 23 was in the air every day, shooting down bombers and Zeros. First it was single-engined bombers with fighter escorts, then twin-engined bombers that resembled B-26's with their Zeros. Every day they came over from the base at Buin at exactly 10:00 in the morning. At about 9:30 a. m. the pilots of Fighting 23 would get an all-plane scramble as a flag was run up in front of the aircraft operations office. The pilots would sprint for their dispersed planes, then climb to meet the Japs coming in from the sea. They would get up into the sun and wait for the enemy to come, in their precise V-of-V's. Then Smith would give the signal and they would scream down as bombers and Zeros fell like burning leaves from the Jap formation. Sometimes, along with them, one of Fighting 23's Grummans would plummet crazily down and crash into the hills or in the sea around Guadalcanal.

The first to go was Bailey, the boy who had been married the day before he left to join the squadron. On Aug. 24 he flamed into the sea after shooting down two Zeros attacking Henderson Field. That afternoon Fred Gutt was seriously wounded. Roy Corry, who had brooded on the carrier about an aerial death, was last seen by his squadron mates heading into a circling swarm of Zeros. Day after day the squadron grew smaller and the row of boxes, containing the personal effects of the missing, grew longer. The lines around Smith's mouth tightened and his eyes became hard.

Their feats become legendary

As August went into September, the legend of Fighting 23 grew on Guadalcanal. Its daily exploits became fables to be whispered by marines in perilous advance posts in the jungle at night. The pilots came to be considered as almost immortal beings. Day after day they roared into the skies, always outnumbered in combat but never beaten. Their individual tallies began to climb. By the middle of September, Captain Smith led with a score of twelve, Pond had accounted for six, Frazier for nine, Carl for eleven, Trowbridge for six, McLennan for three, and in the two days before Gutt was knocked out of the sky he had shot down four. For youngsters just out of flying school, pitted against seasoned pilots, that was flying to be revered.

In the air, Fighting 23 would tackle any Jap that flew. One day, coming back from escorting a squadron of dive bombers on a fleet raid, Bulldog Morrell and Rex Jeans spotted a big four-engined bomber. With only enough gas left to make Henderson Field, they turned to the attack. They made pass after pass at the lumbering bomber, until its engines were shot away and fell off into the sea and the plane followed them in pieces. Then they glided in to the field, with just enough gas to wobble-pump themselves off the runway as their engines coughed dead. Another day the squadron dove on a flight of 20 bombers and 22 Zeros, on their way to attack the squadron's field. The air rang with their exultancy. "Look out, you red-headed baboon," Frazier called to Kendrick, "you're shooting at my Zero."

Smith and Marion Carl were the heavenly twins of Fighting 23. As their scores grew higher and higher, their legend grew with the Marine ground troops. One day Carl was shot down and every marine on the island mourned his loss. Five days later he turned up with a native in an old motorboat he had found on an island near where he had bailed out. His first question, as the cheering marines greeted him, was, "How many has Smitty got now?" When he heard the Captain was three ahead of him with a tally of 14, he went to ask the commanding general to ground Smith for five days. "It isn't fair, General," he said. "How can I catch up with him now?"

But Squadron Commander Smith was the undisputed killer of Fighting 23. He would slide into his Grumman's cockpit, like a man into an easy chair after a hard day's work. When he was air-borne

CONTINUED ON PAGE 127

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Drew Pearson

"WASHINGTON • MERRY • GO • ROUND"

His exclusive reports keep you AHEAD of the news

See local paper for time and station

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READ IT BACKWARDS

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OLD FASHIONED SPICED PEACH WITH CHERRY

We slice plump peaches that are bursting with flavor, spice them, add luscious cherries, and make a spread that sings to your appetite. A delicious, inexpensive treat... a boon during sugar rationing.

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FREE! Great New Tobacco Blend

Postcard brings you absolutely Free generous sample package America's Newest Smoker's Treat—"Three Squires Pipe Mixture" Reg. price 15c. Address "Three Squires", Dept. B, 191 4th Ave., N.Y.C.

THREE SQUIRES

Pipe Mixture

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- \$2.85 — Toilet Water, Vanity
- \$7.50 — Case of 7 Luxuries
- \$15 — Rich perfumed splendor
- \$4.75 — Five fine gifts in one



L'Origan



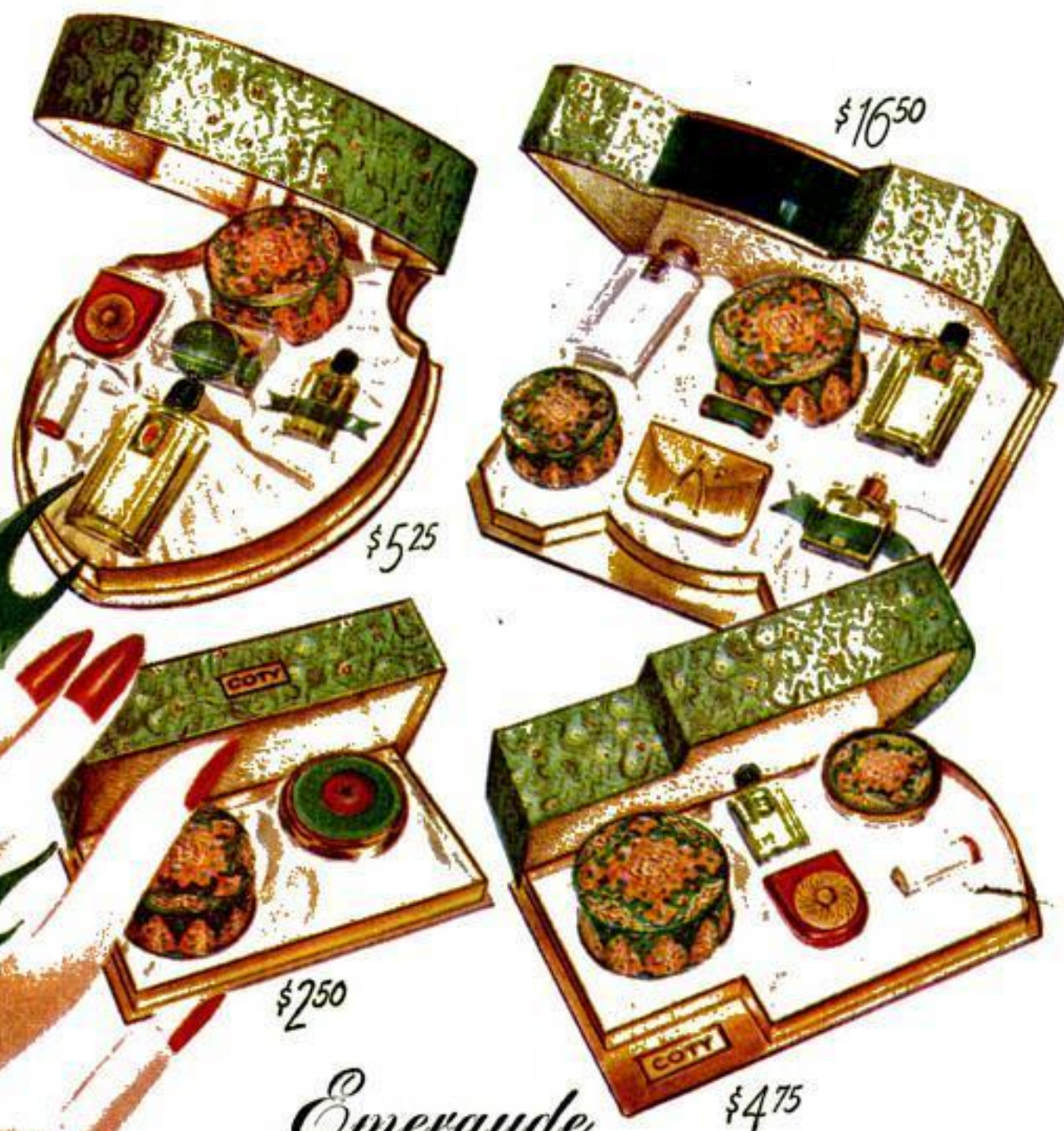
- \$8 — Big, satin-lined treasure chest
- \$3.95 — "Air-Spun" Make-up, Vanity
- \$5 — Exciting bath and beauty aids
- \$3.75 — Make-up Trio, Toilet Water



L'Aimant

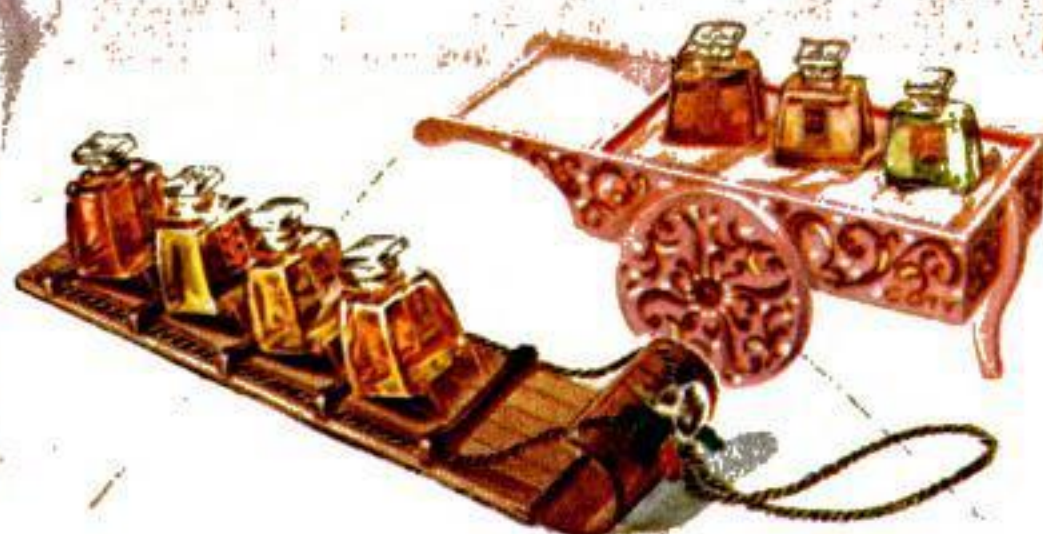
- \$5 — Quintet in shimmering red-gold scheme
- \$10.25 — Glamorous — yet practical selection
- \$2.25 — "Air-Spun" Make-up in gift case
- \$4.25 — Rich looking! Perfume, matched aids

- "Vigilante" Kit — 9 beauty and charm aids — \$3.95
- Sabots — 2 Perfumes; shoes are pincushions — \$5



Emeraude

- \$5.25 — Perfume, 4 related items, atomizer
- \$16.50 — Charm Chest — choicest Coty aids
- \$2.50 — "Jewel" Vanity, "Air-Spun" Powder
- \$4.75 — "Big Five" — each is a gift in itself



"Flights of Fancy in Fragrance"

- Jewel Tree — \$12.50
- Fleur du Lac — \$12.50
- Toboggan — \$10
- Garden Cart — \$7.50



“But, Sahib, these gifts are mine!”

MAN: Plainly, Macleod, the poor beast has been walking too long in the snow. It has confused him. Who would give Christmas gifts to a camel?

CAMEL: Ah, but Master, I'm the *Paul Jones* Camel. And, as the living symbol and chief prophet of *dryness* in whiskey, I have *earned* these gifts! They are tokens of gratitude, Prince, from puzzled shoppers—for telling them of a *perfect* Christmas present—*dry* Paul Jones whiskey!

MAN: *Dryness*, my substitute St. Bernard? A *dry* whiskey? Macleod, why do we stand here with

the snow going down our necks, listening to such talk? Who ever heard of a *dry* whiskey?

CAMEL: Effendi, go to *any* liquor store! You'll find, in the wondrous Paul Jones, a whiskey whose *dryness*, or lack of sweetness, permits you to enjoy its *full* flavor! Its *full* richness and mellowness! A jewel among whiskeys, Prince, whose moderate price and rare flavor make it a *perfect* Christmas present!

MAN: Did you say *any* liquor store, Camel?

CAMEL: *Any* liquor store, Master.

MAN: And that Paul Jones is moderately priced? It spares the purse?

CAMEL: My very words, O Emir.

MAN: Macleod, my friend, how long shall we stand here with the snow going down our necks? Have we not shopping to do, Macleod? Do we not have to buy some of this wonderful dry Paul Jones whiskey? And do we not have to buy the biggest bale of hay in the entire world for this good camel? Come Macleod! *Come!*

The best **CHRISTMAS BUY**
is the whiskey that's **DRY**

Paul Jones



A blend of straight whiskies—90 proof.
Frankfort Distilleries, Inc., Louisville & Baltimore.

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ABOUT
THE DISCOMFORTS
OF A STUFFED-UP
NOSE DUE TO A
HEAD COLD!

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WITH
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The relieving squadron, which came to replace Fighting 23 in October, was a welcome sight to tired pilots. It was photographed before one of its planes on Henderson Field.

FIGHTING 223 (continued)

his narrow, wide-set eyes were everywhere. And everything they saw, he destroyed. On the 30th of August, after Smith had shot down four bombers out of a formation, he and Lees were attacked by 22 Zeros. The first dove and passed, the second crumpled under a few bursts from Lees's machine guns, the third came straight at Smith. He decided not to shoot too soon, but as 7.7 slugs began to rip the windscreen close to his face, he let the Zero have it in the motor. The propeller shattered first, then the cockpit caught fire. Captain Smith saw the pilot, his hair burning like a torch, as the Zero flashed by him in its death dive. Then he turned for home. Coming out of a rain squall a few minutes later, he ran smack into the back of two Zeros flying over the beach at Lunga Point. Smith remembers that as easy. "I sat back at 50 ft., with my nose practically on the second one's tail and sent tracers into his wing tanks and cockpit. He crashed into a field near the beach. The first pilot looked back, then climbed his Zero like an express elevator. I came back then to see how the other boys made out." That was a record-breaking score of six planes in an hour.

On the ground the squadron tried to forget the war. After the first few days on Guadalcanal, their nightly talk changed from the past day's fighting tactics to blondes in Honolulu and what they would do when they got back to the States. They would sit around out in front of their tents at night, dressed in pajamas, drinking sparingly of the precious whisky, the only thing that would loosen their taut nerves and permit a few hours' sleep. They would talk and kid each other, pausing in numb silence whenever someone would unthinkingly mention the name of a man who was no longer there. Their ground crew had arrived now, so they did not have to repair the battle-scarred F4F's. And they now had their own mess. At first the food was good, at times even chicken and steak from a supply ship. Then came the week when they had nothing but canned meat. For breakfast, luncheon and dinner they ate "monkey meat," cursing the man who had discovered how to put it up. Then that ran out and they ate captured Jap rice, wriggling with worms which had to be picked out by hand. Once in a great while a torpedo plane would fly in from a nearby carrier with a dozen bars of candy and a few cartons of cigarets. These were divided into 160 equal portions for distribution to the ground crew and pilots.

They forgot flying on the ground

In the daytime those pilots who were grounded because of dysentery would wander down to the Lunga River to bathe and wash clothes if they had strength enough to walk. From there they went over to the prison cage to look at the captured Japs, all of whom they called "Charley." They were shown the bland and grinning Jap who came running out of the woods with his hands up to surrender to a Marine patrol. "To hell with Tojo," he was crying, "I'm from New York." At the prison cage they met the guard who had shot a Jap sniper and, on searching him, found his brother's billfold in a pocket. The brother had last been heard from on Wake Island just before it fell.

Back at the tents they would sit and listen to a few old phonograph records some marine had brought in from a transport. They kidded Smith about his new Navy Cross and rank of major. Or they would kid Marion Carl, who had just been made a captain. Under Marine tradition, a flying officer becomes a first lieutenant after

CONTINUED ON NEXT PAGE

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MONOPOLY

Most popular of the world's great standard games. Sets at \$2; better set No. 8 \$2.50 (2 to 8 players with "Grand hotels"); \$3.50 for famous White-box set with "Grand hotels" and removable "Bank-tray."



CAMELOT

Beloved especially by men and boys and a great Christmas gift for them; easily learned game of exciting strategy and novel play. Popular Set \$1.25; \$2 set with finer equipment and handsome pictorial board. Sets also at \$5 and up.



ROOK

The Game of Games

The unequal favorite of millions of players. Unique in its capture of "Count" cards, quick climaxes and exciting plays! 75 cents.



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SORRY an outstanding board game. Its novel play directed by cards. Full of surprise moves and unusual action, \$1.50; **FLINCH** a truly great card game which has leaped to immense popularity. New improved pack of 150 cards, 75 cents.

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Make it a crystal Christmas. Give the lasting satisfaction of American crystal **Authentically Designed** by Sharpe in patterns of all periods and trends. Goblets priced as low as 49¢ to \$3. No wonder stores occasionally have trouble meeting the demand! Your store may ask you to wait briefly for delivery—but there is no substitute. Sharpe, Inc., Buffalo, N. Y.



Authentic Design. The wreath design on "Washington" uses a clever optical illusion. The cutting is so deep it actually appears to be raised from the glass. Stem "buttons" are graduated to admit light clear to the foot!



Authentic Design. There's more hand-cutting on "Salon" than you'll usually see at its low price. The bow-knot and ribbon device is typical of Early American decoration, with leaves and flowers for added beauty.



Authentic Design. "Mystic" is built around a free adaptation of the bent horseshoe good luck symbol used so often by early glass cutters. Collectors may fight over it some day, but now it's open stock. You can add to your set any time.



A smashed Zero in a field on Guadalcanal is testimony of the accurate shooting of Major Smith. He bagged this one low above the ground; it crashed in a few seconds.

FIGHTING 223 (continued)

nine months of service, a captain after a year and 15 minutes, with his mother's permission. No one had seen Mrs. Carl's permission, so they pointedly still addressed her boy as "Lieutenant." Between his constant cat naps, he pretended to resent it.

But, underneath the fun, there was grimness. It was especially so at night. If one of Fighting 23 had been killed during the day, the boys would stand around while his personal effects were packed in his foot locker. Then they would sit in front of the tents and talk. At first they groused (a good sign in all marines)—about the food, the constant bombing and shelling from Jap warships, or about Air Operations. The Air Operations office was called the "Opium Den" and the squadron circulated rumors among itself that dope passed around freely in there. Red Kendrick spent two days writing a sarcastic poem about the things it dreamed up for his mates.

*In Guadal Operations, where the needle passes free,
They've cooked up a hot assignment for Marine Group 23.
As the wind howls through the palm trees, you hear Operations
say,
"Load the belly tanks with juice, boys, take the scouts to
Gizo Bay."*

*Hit the road to Gizo Bay
Where the Jap fleet spends the day,
You can hear the duds a-chunking from Rabaul to Lunga Quay.
Pack a load to Gizo Bay,
Where the float plane Zeros play
And the bombs come down like thunder on the natives 'cross the way.*

Death was always present

But in the late September and early October nights the grouching stopped. Then some men started to brood and Smith began to worry. He couldn't blame them, they were going up every day and shooting down Japs, but new ones came over with unfailing regularity the next day. They were facing excellent pilots who could shoot straight and fly well. And now Fighting 23 was noticeably smaller than it had been at the start. Planes were wrecked and men were dead.

That was the worst foe they had to face on Guadalcanal—the immediate, overpowering, nightly presence of death. Pond was gone now. Then Scotty McLennan dropped out of formation after a fight,

MEDICATED FOR SANDPAPER THROAT



Does your throat feel prickly when you swallow—due to a cold? Benefit from Luden's special formula. Contains cooling menthol that helps bring quick relief. Don't suffer another second. Get Luden's for that "sandpaper throat!"



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For 1 Pipe Smoker in Every 50

Are you that one man who recognizes that in pipe smoking it's the quality of the tobacco that counts? Exacting smokers gladly pay a little more for the much greater pleasure they enjoy in John Middleton's WALNUT. The exclusive Middleton blending of the world's 7 finest tobaccos makes WALNUT naturally aromatic... delightfully fragrant... amazingly mild... truly different from any other pipe tobacco. WALNUT is the overwhelming choice of the discriminating. Ask your dealer for a trial size or send 10c for a sample package. John Middleton, 1211 Walnut St., Philadelphia.



Look for this bottle





A wrecked Grumman lies in a twisted heap, a mute symbol of a squadron member who will not fly or fight again. Fighting 23 lost ten of its 18 planes in few weeks' action.

and waved to the others as he dropped, head down, toward the hills. Ramlo had been literally shot in the tail and Trowbridge crashed and had to be evacuated. Night was the time of looking forward to the next day and wondering who was going to be next. The night of Oct. 2 was the worst of all.

That day Fighting 23 had been surprised by Zeros dropping out of the sun. In the first pass, Red Kendrick, the bitter poet, and Lees were both hit and were last seen burning in the air. But Major Smith dropped out of a cloud at three Zeros. The first one exploded in his sights, the other two got on his tail. Methodically they sent streams of 7.7's and 20-mm. shells into his wings and finally hit the oil carburetor. As his Grumman lost altitude over Guadalcanal, Smith kept a careful watch on landmarks to help him find his way back. He finally put his plane down in a rough clearing, six miles within the Jap lines. Marion Carl zoomed the field to protect him as he got out, then waved and pointed the way back to Henderson. Smith started the dangerous six-mile walk back, dodging Jap patrols and fording tangled jungle streams. Halfway to his own lines, he found a wrecked Grumman on a hillside. It was Scotty McLennan's plane, smashed to splinters. Smith knelt down, said a little prayer over the wreck and went on. When he got back to the field, he went to the Lunga and bathed. Then he took a party out to find Kendrick's plane.

They found it in a small field where Red had evidently tried to land. In coming in, the disabled, burning plane had not been able to settle correctly and, with a few bounces, it turned over. Red was still in the cockpit, his hand tight on the gun trigger. They buried him by his plane and went slowly back to the tents. No one said much that night and, for the first time, the phonograph was silent. Marion Carl figured out that in 20 days nothing would be left of Fighting 23 but its name. There were eight planes and nine pilots still in service.

On Oct. 3, with the Squadron about resigned to its extinction, a new squadron came over the palm trees and landed on Henderson Field. Fighting 23 had been relieved. The next few days were happily spent in showing the new group around, then Fighting 23 girded itself for a last foray. It was Oct. 10 and a Jap fleet was moving down on Guadalcanal. The last eight planes of the squadron were ordered to accompany a group of torpedo planes and dive bombers to an attack on the fleet. They were to give fighter protection and strafe destroyers, while the other planes came in on the larger ships for the kill.

CONTINUED ON NEXT PAGE

OUTDOORS

Load with Kodak Verichrome Film and you're set for winter snaps every bit as good as your summer shots. Verichrome has extra "range." Takes full advantage of available light. Puts sparkle and life in snapshots made in wintry sunshine. "Gets the picture" even without bright sun.



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Winter snaps
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Outdoors... Indoors... you can always count on

KODAK FILM

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JOHN MORTON is the banker in a small West Coast town. He is also in charge of Observation Post 11 and does a midnight shift—on the alert for suspicious aircraft or lights. John is typical of the civilian workers all over America who are doing their part to guard *their* homes and the homes of the boys *at the front*.

Civilian workers—like front line troops—require clothing that combines all weather comfort without burdensome bulk. That's why you'll find many of them wearing Pendleton Shirts as they stand guard or make their rounds as air raid wardens. Men in war industries who work in the open appreciate a Pendleton's warmth and action-freedom. Sportsmen know Pendleton's afford maximum protection with a minimum of weight—they have worn them for years while hunting, fishing or enjoying other outdoor sports.

Because Pendleton fabrics are being used by our fighting forces our civilian production is necessarily limited. Stocks, however, are still available. For the name of your nearest Pendleton merchant—write to Pendleton Woolen Mills, Portland, Oregon.

PENDLETON
VIRGIN WOOL *Shirts*



FIGHTING 223 (continued)

Fighting 23 took up a tail position on the torpedo planes in the force as they sped above Russell Island, to the north of Guadalcanal, seeking out the Jap Fleet. Far above, a flight of 15 Zero float planes saw them heading north and dropped down on the American planes. At their distance, they mistook the trailing Grummans for another flight of torpedo bombers. It was a fatal mistake. Major Smith, leading his squadron, was the first to notice the attackers. He saw the black lines of their wings in his rear-vision mirror and grinned. "A suicide squad, boys," he called into his microphone. "Follow me and we'll give them what they're looking for." The eight Grummans broke from the larger formation and hurtled up at the float planes. The Jap leader saw his mistake and foolishly turned his planes away, presenting the vulnerable Zero bellies to the guns of the Grummans. "Squadron 23, pick your targets," ordered Smith, "and give the bastards something to remember our last day." The squadron burst through the Jap formation like a tornado, leaving nine of the 15 Zeros burning in its wake. As Smith looked back he could see five white chutes blossoming above the water and nine splashes marking the final tally of his squadron. It had been a good last day.

Marines were sorry to see them go

Back at the field, the pilots went around to dugouts and trenches to say goodby. They still seemed like divinities to the bearded, dirty men who had been fighting for months on the ground. The marines were inarticulate, stammering out wishes for good luck and silently wringing the hands of pilots who had appeared out of the southern sky to save them one morning and now were on their way back to the paradise from which they came. Their most touching tribute was something that only the men of Guadalcanal could appreciate. By some miracle, a group of Marine raiders had scraped together the ingredients for a chocolate cake. They brought it into the Ready Tent and presented it to Smith. Over its smooth frosting, done with meticulous care in white confection, ran the words: "To VMF 223 from Rocky's Raiders."

On Oct. 12 Smith opened his squadron log book for the last time, standing on the shore at Lunga Point, and checked over the tally again. Fighting 23, in a month and a half, had shot down 95 planes for a certainty. He hadn't bothered to count the probables. Opposite the name of Marion Carl was a score of 16, opposite his own name 19—more planes than any other American flier had shot down in this war. On the debit side were ten American planes destroyed, six men wounded and six lost. The 6-ft. lockers were lined up on the dock, each one stenciled with a name—LEES, KENDRICK, McLENNAN, BAILEY, CORRY, POND. Tenderly, Smith and the eight survivors of Fighting 23 picked up the lockers, carried them aboard and stowed them away. They didn't bother to look back at Guadalcanal as they left. All they wanted now was a good long rest.



Back safely, Smith smiles with his wife at her parents' home in Norfolk, Va. Smith is now touring the Navy pre-flight schools and aircraft factories, telling of his experiences.

Always a
Pleasure!



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SWEET: PORT • SHERRY • MUSCATEL • TOKAY

AMERICAN WINE CO. • Estab. 1859 • ST. LOUIS, MO
Makers of famous COOK'S IMPERIAL Champagnes

A tip from
Mrs. Basil Rathbone

Famous
Hollywood
hostess



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COLMAN'S AT OUR
HOUSE—IT GIVES
THE **EXTRA FLAVOR**
WE ALL LIKE!

A delicious "hot" sauce to serve with Brussels sprouts. (Equally good with cauliflower or cabbage.) ½ c. butter; 2 tsp. Colman's (dry) Mustard; ¾ tsp. salt; 1 tsp. French's Worcestershire Sauce; dash cayenne. Melt butter in saucepan; add remaining ingredients. Drain 1 quart Brussels sprouts which have been cooked until tender in 1 inch boiling salted water. Place in hot serving dish, pour sauce over all. Serves 6.

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Please send me 12 new Colman's recipes.



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Today with a service star in almost every window, Americans are thoughtful about the future of the world in which they live. And the millions of Americans who have been following The March of Time on the screen for the past seven years are better equipped to think this thing through because in The March of Time series they have seen how

this war came. They know that The March of Time, always fearless, is still the screen's independent editorial force; that The March of Time speaks for Americans, to tell Americans what other Americans are doing, what they are thinking, and what they feel about the country's role in the people's war and the people's peace.

THE MARCH OF TIME

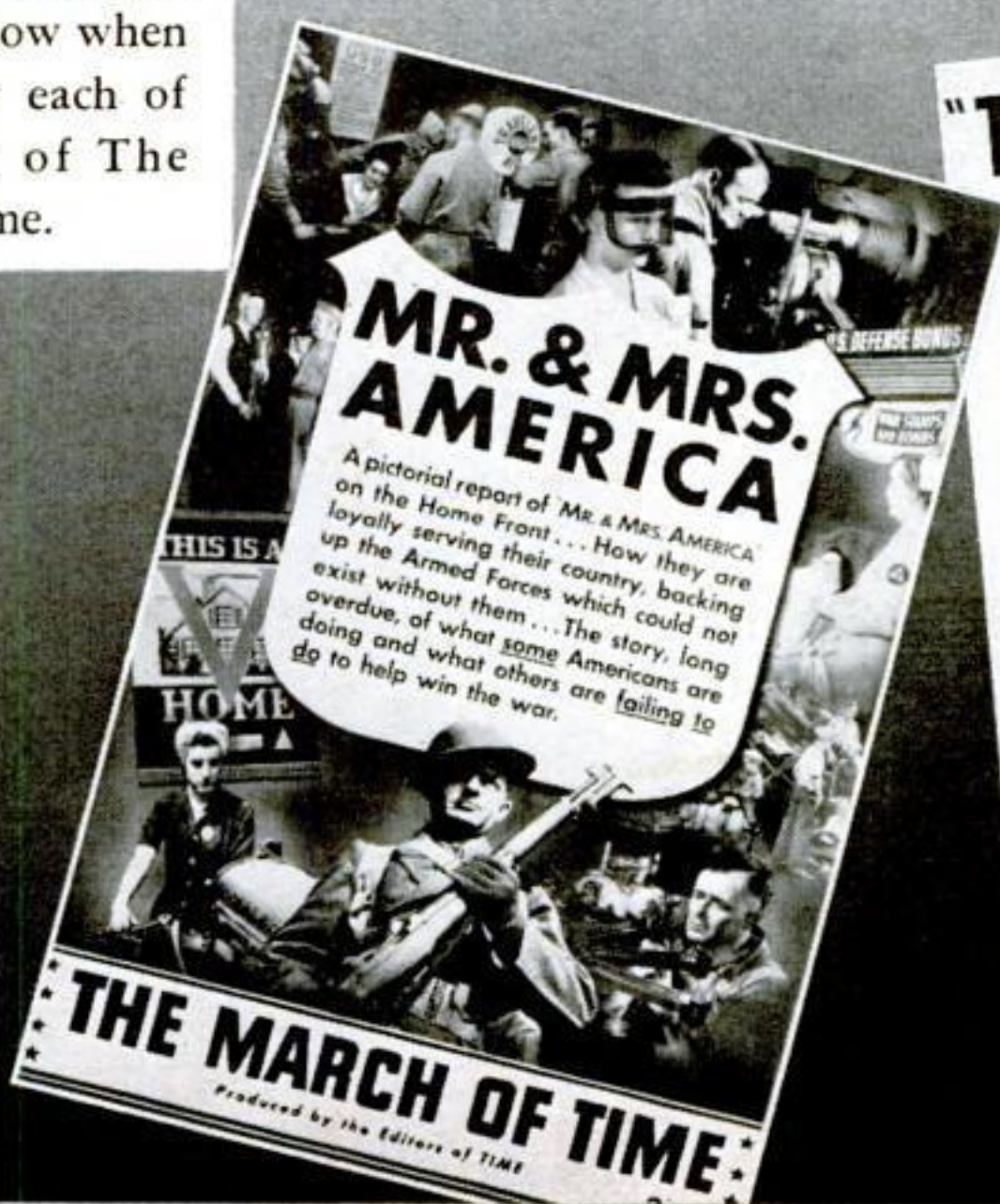
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- ★ . . . PATRIOTIC *CRITICISM* and INTELLIGENT COOPERATION

IN AMERICA'S WAR EFFORT.

REPORTING THE PEOPLE'S WAR TO A NEW AMERICA

Your theatre manager can tell you now when he will show each of these issues of The March of Time.





1 Lithe and lovely Dorothy sits brushing her glistening golden tresses in the soft light of her lush boudoir. She is a typical cafe-society gadfly who does not realize that in total war "decorative leisure is out." As Dorothy strokes her luxurious locks Sugi Yaggi, the houseboy,

stealthily enters her bedroom. Dorothy, who thinks he is a friendly, faithful Chinese, is surprised but not yet outraged by this operation. "What do you want?" she asks. Sugi leers, lust lurking in his beady eyes behind his thick glasses. "You!" he purrs in perfect English.

DESPERATE DOROTHY

LIFE PRESENTS THE GREAT OWI PICTURE PULP PLOT

In the good old days when love stories were unvarnished sentimentality and Westerns were rootin', tootin', shootin' action thrillers, a reader could find relief from the depressing realism of war in the purple passages of pulp magazines. But no more. War and the magazine section of the Office of War Information have changed all that. As a "free service" to pulp writers the OWI is sending out a series of war guides which will help these pulp plotters to forge their stories into war weapons. On this and the following pages, LIFE presents a mystery-adventure-love picture pulp story, contrived according to OWI formula by a prominent pulp writer, photographed by George Karger, and acted by an all-star cast.

In *Desperate Dorothy* LIFE has attempted to follow OWI directives by calling attention to decorative leisure, Japanese villains, share-the-ride, 35-mile speed limit, rent-control dodgers, U. S. employment offices, food saving, meatless Tuesday, tin and nylon salvage, womanpower in the war, nurses' aides and 10% in war bonds.

At the request of pulp publishers, the OWI has prepared specific guides, slants and angles for Western, supernatural, science, adventure, air, sport, detective and confession magazines with 30 million readers. The "big job" for confession plotters, says the OWI, is nursing. Therefore the OWI suggests a story about "a seduced and despondent girl regenerated through observation of good done by a nurse and her self-sacrifice." Detective-story writers are prompted to use a sleuth who is "cheerful" about tracking suspects on foot or on a bicycle. Western-story writers are advised to cast their horse operas with quiet, "dogged" Britons, "faithful" Chinese and non-villainous Latins, and to plug such themes as: "keeping warm on less fuel" and "Japan's Plan for World Domination." Story spinners delving into the supernatural might weave a fantasy "around a woman locomotive engineer, for instance, or a feminine bus driver meeting with eerie adventure in lonely streets." LIFE has censored certain of the OWI's grosser suggestions reflecting on the purity of heroines.



2 Choking Dorothy's tender white neck with his clammy hands, Sugi is about to bend her to his will. Sugi pants passionately, tiny globules of perspiration forming on his fanatical face. Dorothy suddenly is suffused with a new, strange strength. She breaks momentarily free.



3 Smash! Grabbing a vase, Dorothy conks her attacker over the head, felling him. Under his ripped shirt she sees the tattooed Rising Sun. Sugi is a Jap! ("Villains should be Japs, not Latins," says OWI). Dorothy picks up a Jap-inscribed scroll which Sugi dropped.



4 Desperate Dorothy flees after hastily packing a bag and covering her flimsy negligee with a coat. Clutched in her hot little hand is the Jap's scroll. Sugi, quickly regaining consciousness, staggers along behind the distressed damsel, determined to exact fiendish vengeance.

DESPERATE DOROTHY (continued)

THIS, ABOVE ALL—BUY U.S. WAR BONDS & STAMPS!

PRESS, it's lit!—RELEASE, it's out!

TAKE CARE OF YOUR RONSON†
It's not easy to replace, now!



LIKE THE MARINES,
RONSONS ARE ALWAYS
READY FOR ACTION!

"Despite numerous dives in salt water when we are on landing party rehearsals or night patrols, my RONSON continues to give excellent service."

(From a U. S. Marine)

BACK from every front comes the word: "My RONSON is always ready for action!" If you've ever been in the field, where matches are scarce and often unusable, you can appreciate a soldier's enthusiasm for his RONSON, one of the last pieces of equipment he'd want to lose. That enthusiasm is shared by millions of RONSON owners everywhere. But a word of caution: RONSONS are not easy to replace. Take care of them. Make sure you get all the years of service that are built into them.

RONSON
WORLD'S
GREATEST LIGHTER



† IMPORTANT

To make your lighter (any type) serve better and longer, insist upon genuine RONSON Accessories: extra-length RONSON "REDSKIN" "FLINTS" (with the distinctive "REDSKIN" coating); RONSONOL Fuel; full-length RONSON Wicks.

FACTORY REPAIR SERVICE

As a wartime measure, RONSON extends its Factory Repair Service to help keep every RONSON in active use. If your RONSON—for pocket or table—needs attention, send it to the factory for servicing at minimum cost. Address RONSON, Service Dept., Newark, N. J.

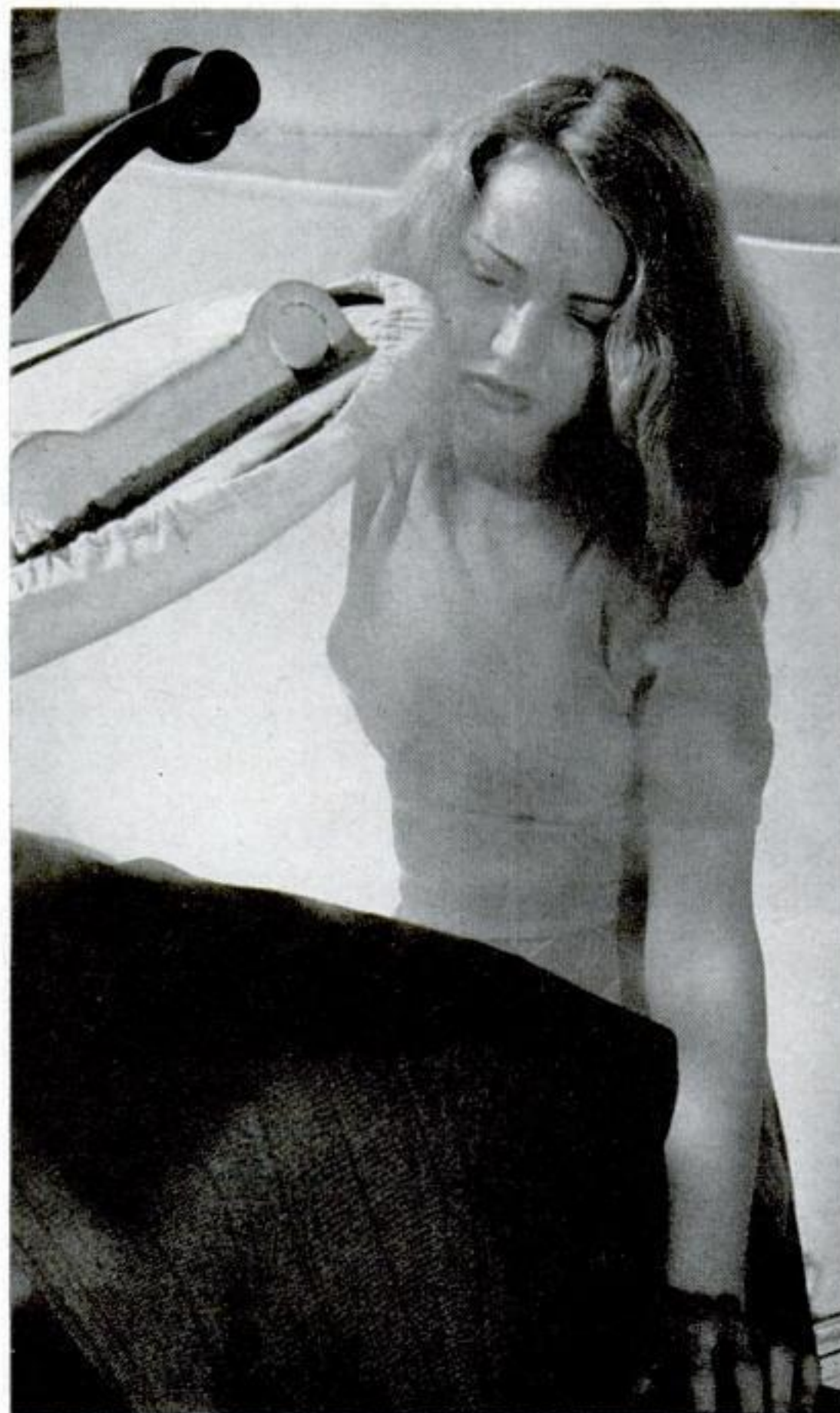
*Trade Mark Reg.



5 Harold, a patriotic defense worker, stops his car to give Dorothy a lift ("Share your car," says OWI). He listens to her tale of horror, promises to take her to a nearby city where he lives.



6 "Go faster, faster, faster!" pleads Dorothy, knowing in her secret seventh sense that Sugi is still pursuing. "No," says Harold, "think of my tires. Only 35 miles an hour. It's my duty."

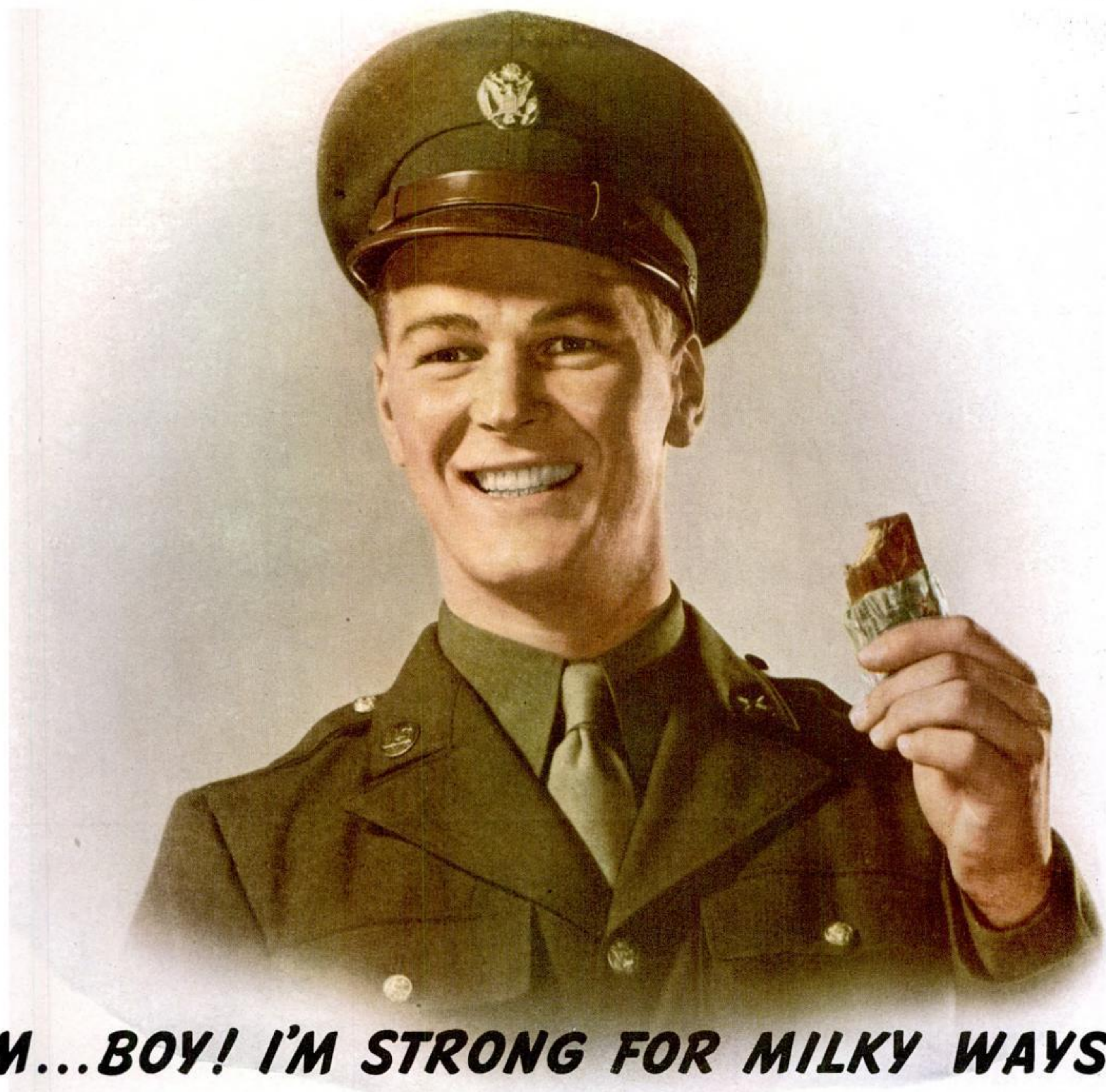


7 In the unfriendly city Dorothy gets a job as a presser in an illegal zoot-suit factory at sweatshop wages. She should have gone to "one of 4,000 U. S. employment offices" for guidance.



8 On "meatless Tuesday" Dorothy fries her little fish. Her profiteering landlady has collected too high a rent for her dingy room. Dorothy should have asked the OPA for "rent control."

CONTINUED ON PAGE 137



MMM...BOY! I'M STRONG FOR MILKY WAYS

Yes, Milky Way candy bars are his weakness and his strength!

He's always had a weakness for their delicious taste and he's

strong for the quick nourishing refreshment he gets from

them. With each delightful bite he thrills to the taste blend

of the thick chocolate coating, the layer of smooth creamy caramel

and the luscious center of rich chocolate nougat

flavored with real malted milk. Wherever he is, when he

craves good candy he asks

for a Milky Way!



For Christmas.... Fortune

EXCITING GIFT • A SIGNIFICANT GIFT • AN EXCITING GIFT • A SIGNIFICANT GIFT • AN EXCITING GIFT • A SIGNIFICANT GIFT • AN EXCITING GIFT • A SIGNIFICANT GIFT • AN EXCIT

To an ever growing number of American men and women, FORTUNE, this year, has been a real and personal assistance—in the thinking and planning they must do on their war-time jobs, and in helping them adjust their perspectives to the long view of the new world to come. . . . For business associates, valued customers, employees you want to encourage, for boys in college or in Officers' Training Schools, for your friends in Washington or the armed forces—the coming twelve issues of FORTUNE make a Christmas gift of intense and consuming interest.

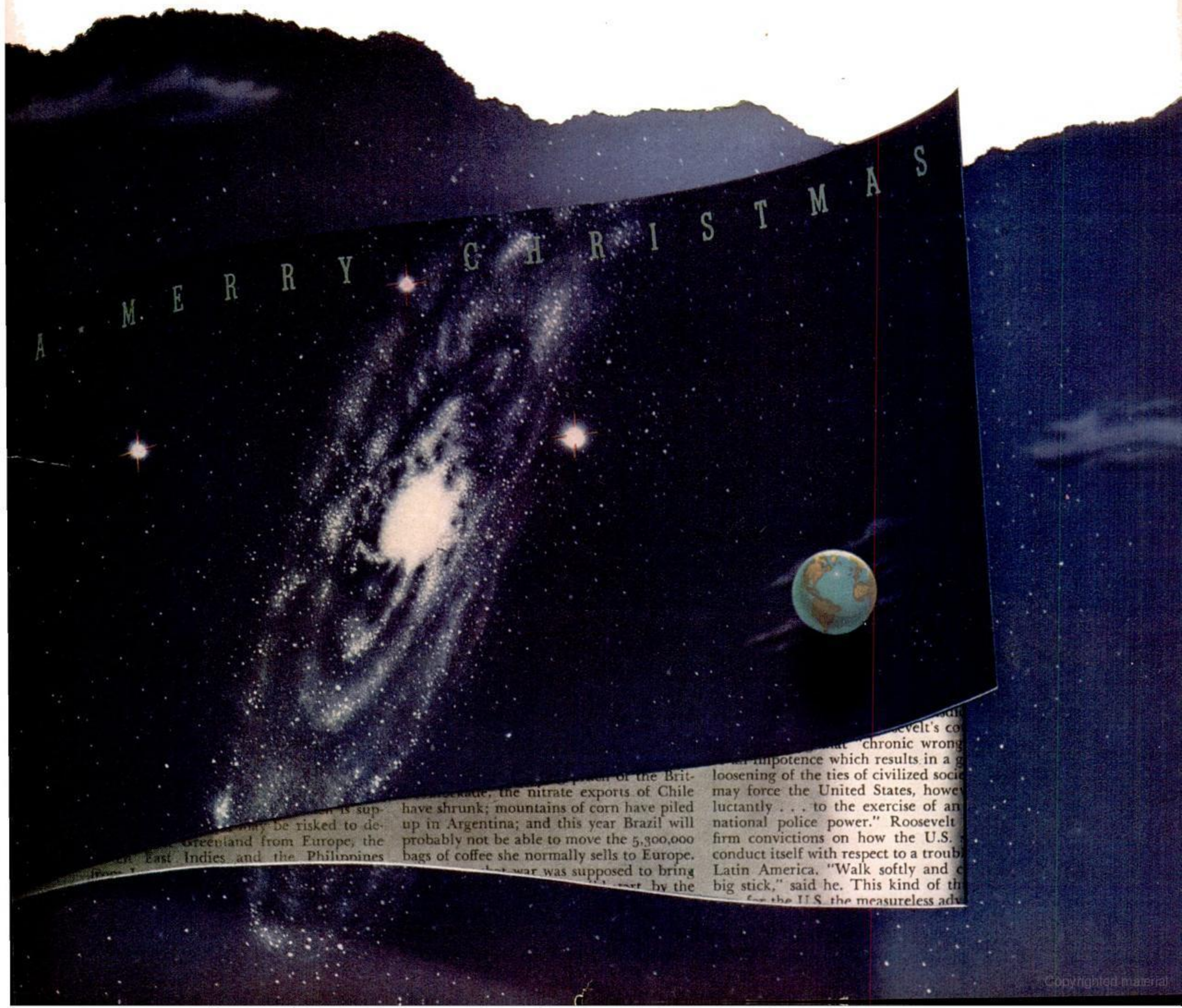
And even as its value grows, the Christmas rate of \$7.75 makes FORTUNE a less costly present than at any other time of year—a saving of \$2.25 under the regular \$10.00 rate.

Your gift of FORTUNE will be announced to your friends by a Christmas card, the cover of which is shown below. Will Burtin has designed the entire card to symbolize America's burning desire for freedom—for all peoples—and envisions the bright new world to come. Just send your order to FORTUNE, 330 East 22nd Street, Chicago, Illinois.

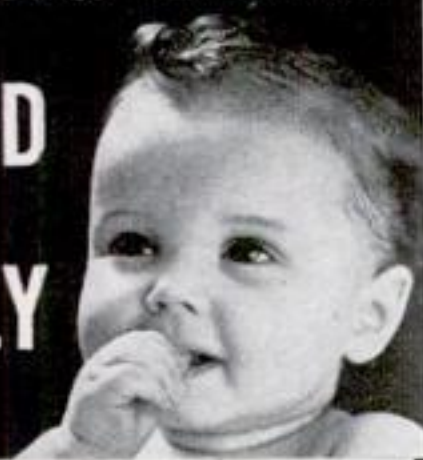
\$7.75 Special Christmas Rate

This rate applies only until January 1 on subscriptions entered and paid for by one person, and we cannot accept more than ten \$7.75 gifts from any one donor. Foreign postage \$2.00 extra.

For your friends, relatives and business associates in the armed forces FORTUNE offers a special rate of only \$6.00.



TEETHING PAINS RELIEVED QUICKLY



WHEN your baby suffers from teething pains, just rub a few drops of Dr. Hand's Teething Lotion on the sore, tender, little gums and the pain will be relieved promptly.

Dr. Hand's Teething Lotion is the prescription of a famous baby specialist and has been used by mothers for over fifty years. One bottle is usually enough for one baby for the entire teething period.

DR. HAND'S TEETHING LOTION

Just rub it on the gums
Buy it from your druggist today

'NOTHING BETTER' to relieve itching of SKIN and SCALP IRRITATIONS

So
Many
Druggists
Claim!



To quickly relieve maddening itching, burning of eczema, psoriasis, ringworm symptoms and similar skin irritations due to external cause—apply wonderful medicated liquid Zemo—a Doctor's formula backed by 30 years' success! Zemo starts at once to aid healing.

Apply clean, stainless, invisible Zemo any time—it won't show on skin. First trial convinces!
35¢, 60¢, \$1.00.

ZEMO

Help Kidneys If Back Aches

Do you feel older than you are or suffer from Getting Up Nights, Backache, Nervousness, Leg Pains, Dizziness, Swollen Ankles, Rheumatic Pains, Burning, scanty or frequent passages? If so, remember that your Kidneys are vital to your health and that these symptoms may be due to non-organic and non-systemic Kidney and Bladder troubles—in such cases Cystex (a physician's prescription) usually gives prompt and joyous relief by helping the Kidneys flush out poisonous excess acids and wastes. You have everything to gain and nothing to lose in trying Cystex. An iron-clad guarantee assures a refund of your money on return of empty package unless fully satisfied. Don't delay. Get Cystex (Siss-tex) from your druggist today. Only 35c.

Cystex

Helps Flush Kidneys

YOUR EYES TELL

how you
feel inside

Look in your mirror. See if temporary constipation is telling on your face, in your eyes. Then try Garfield Tea, exactly as directed. It's the mild, pleasant way to relieve intestinal sluggishness—without drastic drugs. Feel better. Look better, work better. 10c—25c at drugstores.

SEND FOR LIBERAL TRIAL PACKET
Enclose 10c to cover handling for generous Trial Packet, sufficient for 8 cups.

GARFIELD TEA CO., INC.
Dept. 42, 41st at Third, Brooklyn, N. Y.

GARFIELD TEA

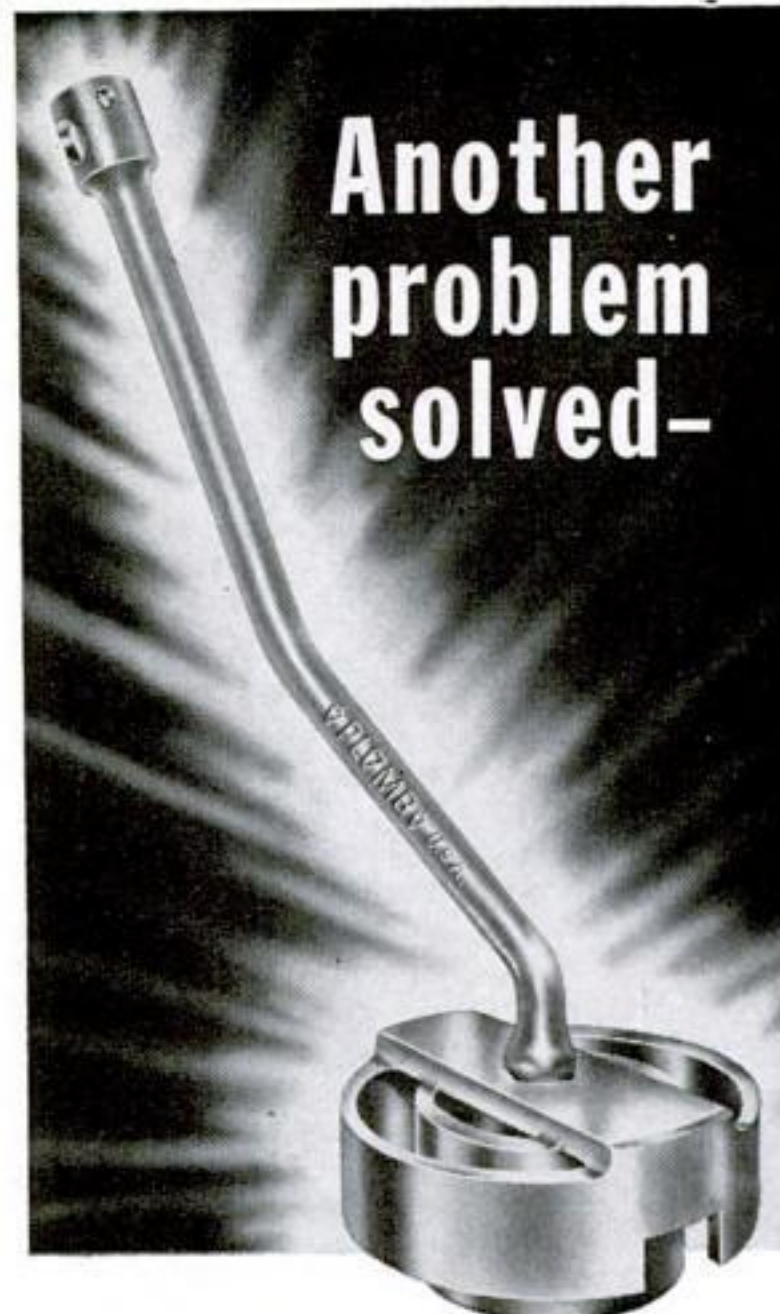
The Mild Herb Laxative



9 Hungry Dorothy tastes the fish, just as the cruel and crafty Jap, who has tracked her remorselessly, springs through the window. Again Dorothy flees, slamming the door in Sugi's face. She gains time as Sugi stops to search her room for his scroll.



10 Dorothy takes refuge in an air-raid shelter where she is delighted to find Harold on duty as a warden. Dorothy has foiled the minion of Tojo, for she still has the secret scroll. Harold calls FBI ("Report suspicious enemy aliens").



Another problem solved—

in producing tools for war

Do you have a "hard-to-get-at" problem in your war production that special hand tools could simplify? If so, consult us for assistance—Plomb engineers have helped many manufacturers find the answers to special tool needs.

Regular tools supplied by PLOMB dealers

See the Plomb dealer in your locality for the stock tools you need to rush your war job. He carries a full line, for all industries.

31 factories at your service

Take advantage of this two-fold service. Call your Plomb dealer for highest quality regular tools—consult us for special ones. 31 factories, including the three big plants of the Plomb Tool Company, are cooperating in a complete sub-contracting system to build Plomb Tools for war needs. Their facilities are at your service.

PLOMB




Plomb Tools Contracting Company
A Division of the

PLOMB TOOL COMPANY

LOS ANGELES, CALIFORNIA

CONTINUED ON NEXT PAGE



PUSS IN BOOTS

Sly Puss-in-Boots, a dashing old Tom
Knew how to lead the maidens on!
"Both beauty and charm are yours," said he,
"Heed my advice...wear Life Bras 3!"

Life by Formfit
Tailored-to-fit Bras

KEEP A BRA WARDROBE
Day Life • Sports Life • Night Life
\$1.25 \$1.75 \$2.50 \$3.50

LOOK FOR THIS LABEL

MADE BY THE FORMFIT COMPANY • CHICAGO • NEW YORK

FLAT-CHESTED? WRITE FOR INFORMATION ABOUT INFLATION—THE BRASSIERE FOR FLAT-CHESTED WOMEN



11 Stealthily, silently and unseen the Jap sneaks in, with knife in hand. Harold, having asked Dorothy to contribute her nylon stockings to the war effort, is about to look inside the scroll. In a twinkling the Jap has them in his power.

"Oh Darling, it's lovely!"



THE MOST THRILLING GIFT OF ALL
a **Keepsake**

DIAMOND ENGAGEMENT RING

SHE doesn't expect the largest diamond you can find, but she does hope for one whose radiant beauty and known quality truly reflect the great love you hold in your heart. High standards of color, cut and clarity... the nationally established price... and the Keepsake Certificate of Registration and Guarantee are your protection against an unwise choice. See the new matched sets at your "Keepsake" Jeweler... from \$50 to \$2500. Extended payments can usually be arranged.

Before selecting the ring, send for these valuable books with illustrations of "Keepsake's" newest creations; the name of the nearest "Keepsake" Jeweler and information on how to select your diamond ring with confidence.

Keepsake Diamond Rings, A. H. Pond Co., Inc.
214 S. Warren St., Syracuse, N. Y.
Please send the helpful book, "The Etiquette of the Engagement and Wedding," with special supplement, "Wartime Engagements and Weddings." I enclose 10c to cover mailing.

Name.....
Street and No.....
City..... L12-42

CUSHING Set 450.00
Engagement Ring 350.00

BETHANY Set 375.00
Engagement Ring 300.00

LYNWOOD Set 235.00
Engagement Ring 225.00

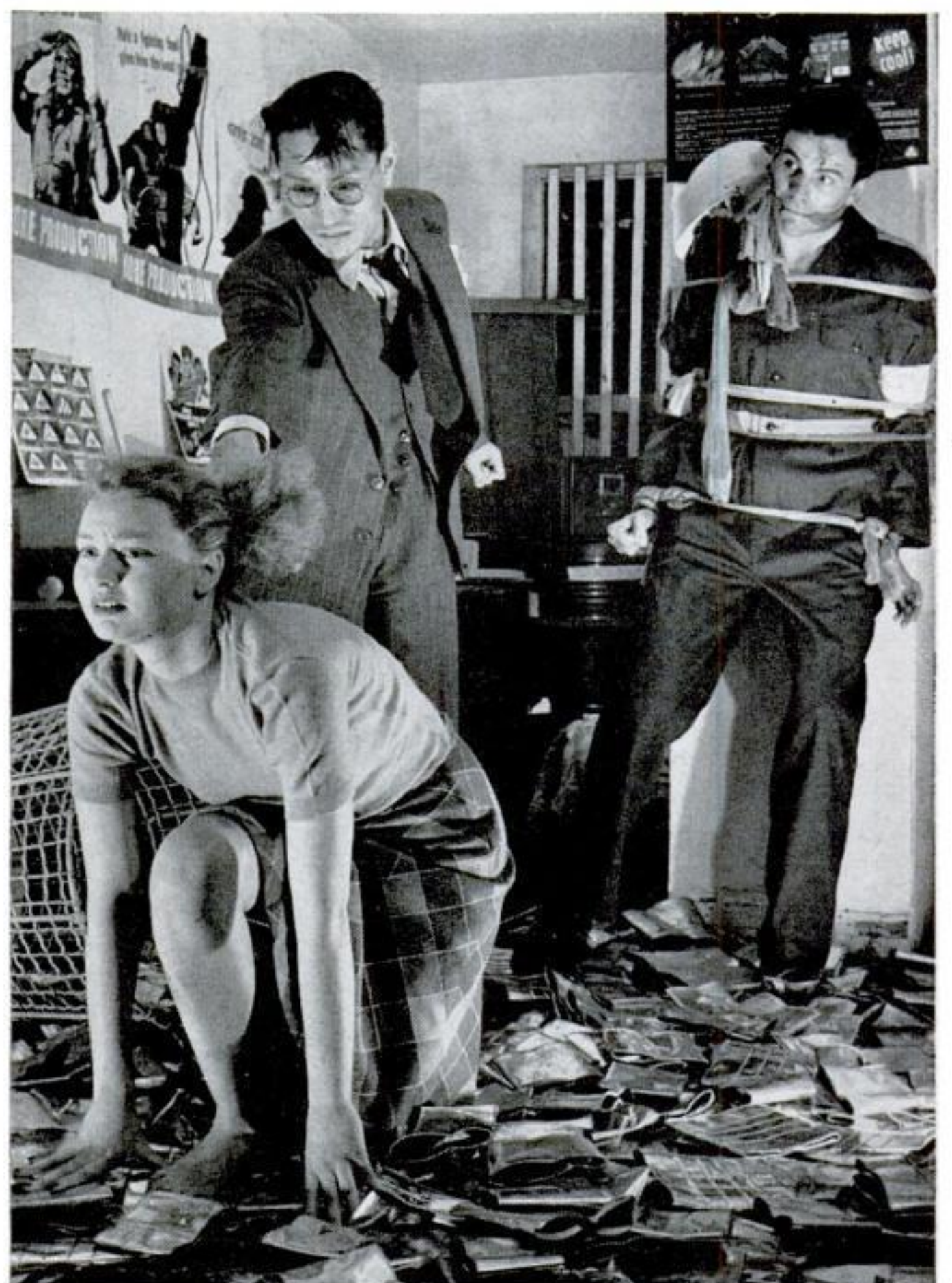
CLASSIC Set 85.00
Engagement Ring 75.00

ORLAND Set 192.50
Engagement Ring 150.00

NORMAN Set 139.75
Engagement Ring 100.00

Rings enlarged to show details.

Look for the name "Keepsake" inside the ring.



12 The bloodthirsty Jap retrieves his secret scroll and forces helpless Dorothy to crawl, barelegged and barefooted, over sharp-edged tin cans from Harold's salvage pile. Harold meanwhile has been trussed up with the nylon stockings.



13 Foiled! The FBI arrives! While one agent handcuffs Sugi, the other examines the scroll containing specifications for a U. S. flying submarine. Dorothy, who should have taken a nurse's-aide course, has done a poor job bandaging Harold.



14 Harold takes his Dorothy to a U. S. employment office and she gets a defense job, a Sally Victor hat. As a war worker Dorothy is not susceptible to "extra-marital dalliance." They live happily, putting 10% of their pay into war bonds.

Simple guide for choosing Christmas cigars!



- ✓ FILLED WITH THE FINEST AND COSTLIEST LONG LEAF ALL-HAVANA TOBACCO
- ✓ FINEST SUMATRA WRAPPER
- ✓ FULL FLAVORED, YET EXTREMELY MILD
- ✓ COOL, EVEN BURNING
- ✓ MELLOW TO THE LAST PUFF
- ✓ SIZE AND SHAPE FOR EVERY TASTE
- ✓ EASY ON YOUR CHRISTMAS BUDGET

BLACKSTONE CIGARS . . . THE CHOICE OF SUCCESSFUL MEN . . . CHECK ON ALL POINTS



**PLAY SAFE
GIVE HIM**

BLACKSTONE CIGARS



WAITT & BOND, INC., 310 SHERMAN AVE., NEWARK, N.J.

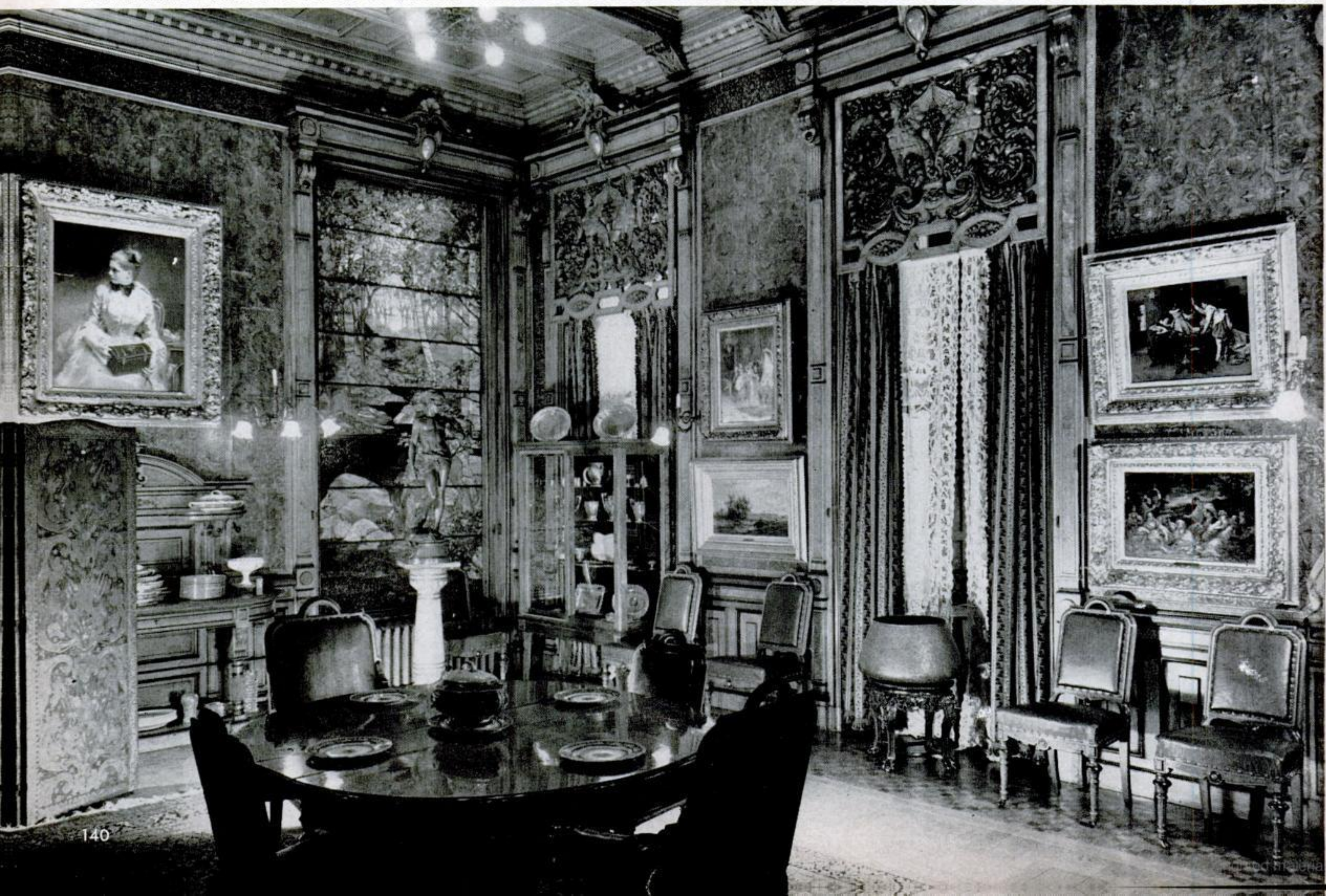


Drawing room has tapestry-covered walls, gilt chairs upholstered in green plush. Millet's *Washerwomen* (lower left) brought \$3,800, the second-highest price paid for a single item.



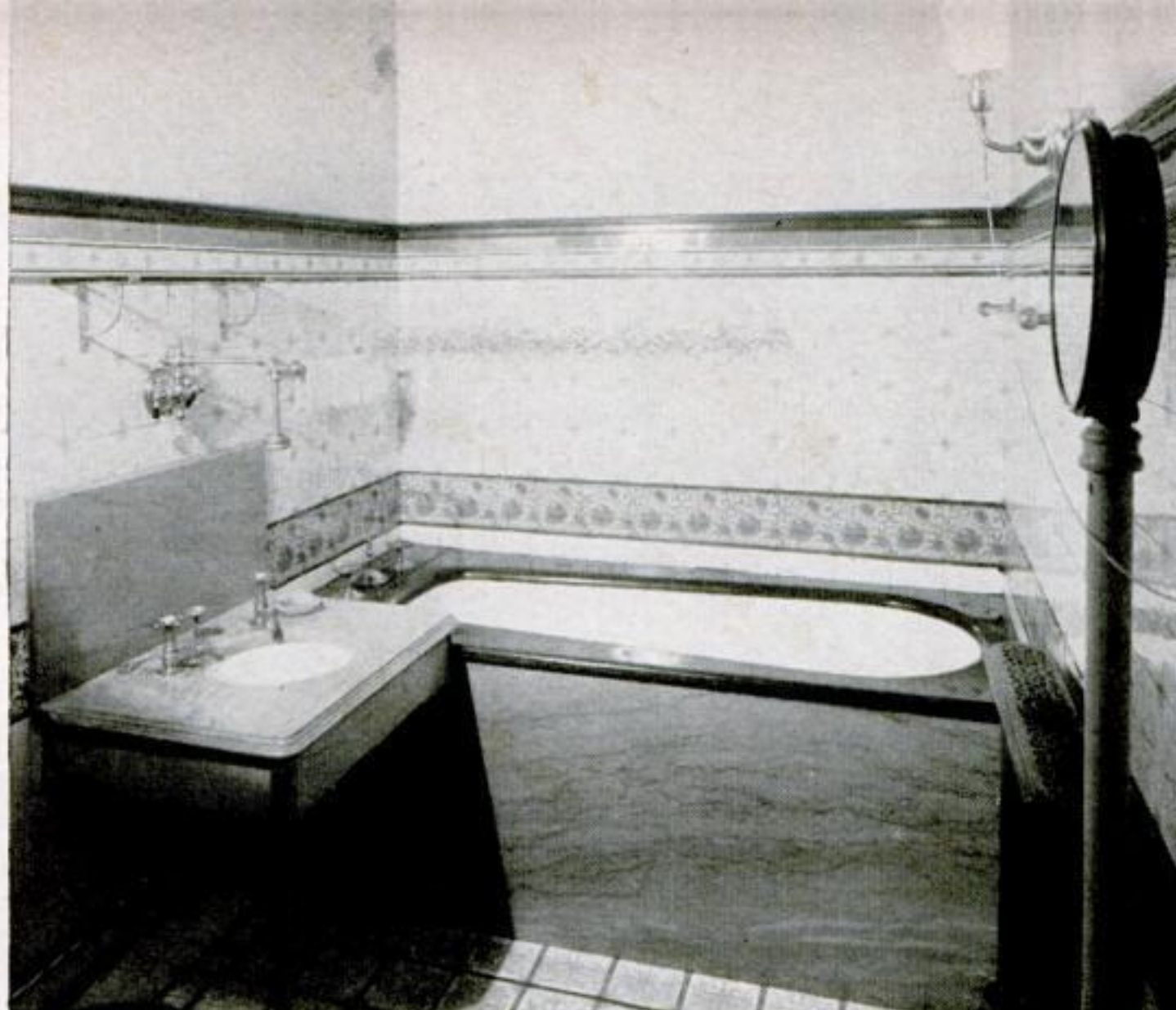
Entrance hall houses few of the 800 organ pipes. Daylight pours down on white marble bust (center) from stained-glass skylight adorned with cherubs. Vine-like chandelier has flowers made of light bulbs.

DINING ROOM IS LARGEST OF 27 ROOMS IN MANSION. PAINTING OVER SIDEBOARD REPLACED PORTRAIT OF JAY. TABLE HAS NINE EXTRA LEAVES. WALLS ARE PRESSED LEATHER

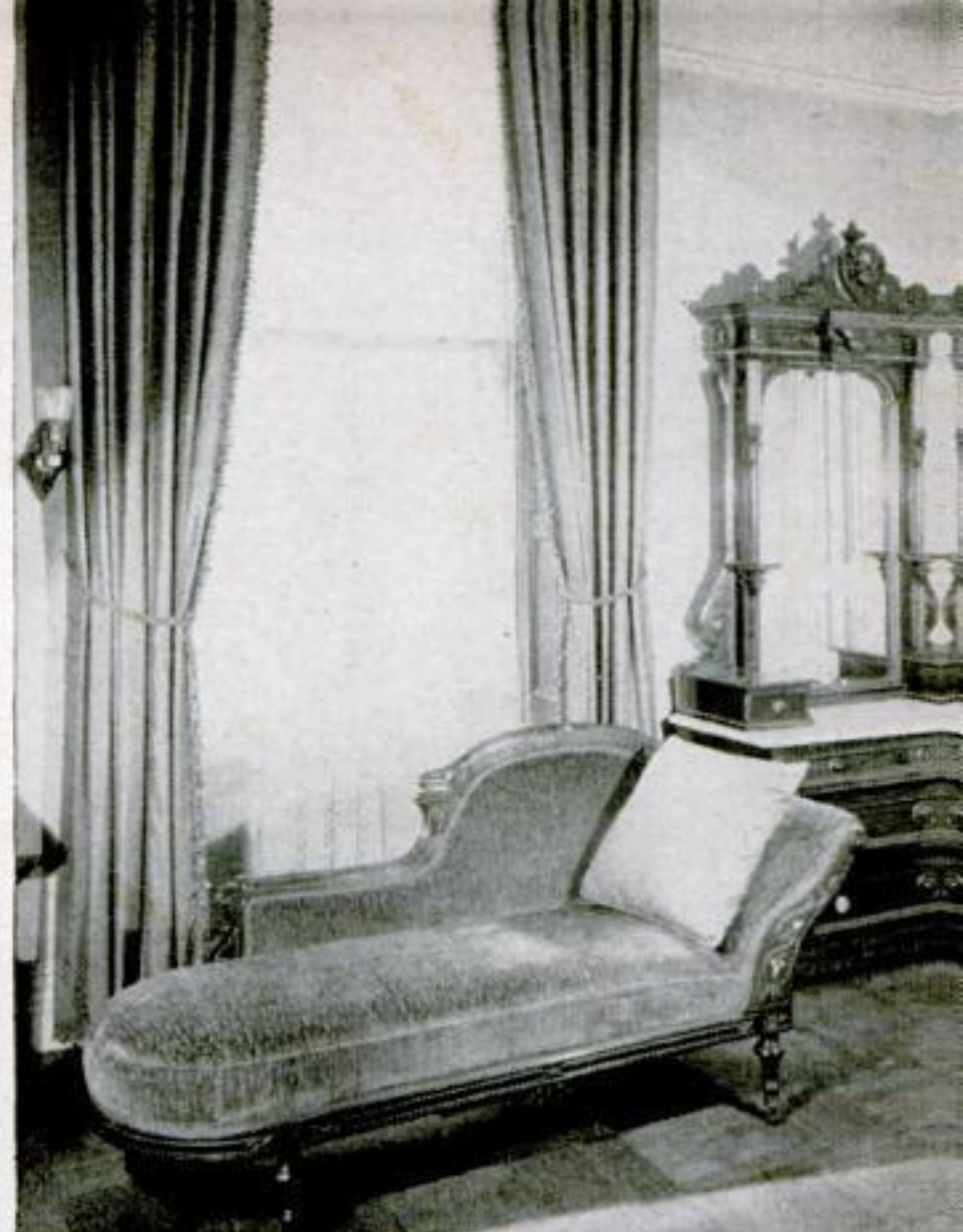




Bedrooms are less lavish but still ornate. Marble bust at window is of Dante. Chair is covered in blue moiré.



Bathroom decor is brown and white. Wall and floor tiles are matching; marble tub is extremely deep. Note shower attachment over basin. Huge baths adjoin most bedrooms.



Grecian sofa is rose velvet, and drapes are damask. Bedroom overlooks Fifth Avenue.

Life Visits the Gould Mansion

Victorian treasures are brought to light with dismantling of New York residence

In 1881 Jay Gould, then at the peak of his wealth and power, bought the somber brownstone house at the corner of New York's Fifth Avenue and 47th Street. Here he used to retire among his books and flowers after some particularly outrageous manipulation of the New York stock market, and here he died in 1892, leaving the house to his favorite daughter, Helen, who later married Finley Shepard. They lived there until her death in 1938, when the house passed to her husband. He retreated into its seclusion and, although he was growing

blind, found comfort at the great organ which he had installed.

When Shepard died last August the house, filled with paintings and bric-a-brac which Jay had collected, was inherited by the Shepards' three adopted children. Because Jay stipulated that no child born outside the family could share in his \$80,000,000 estate, the house is their sole inheritance, through their foster mother, who acquired it as a separate gift. They received \$86,000 from sale of the furnishings, will realize more when the house, occupying valuable property, is finally sold.



THE GOULD MANSION WAS BUILT IN 1869

BASEMENT KITCHEN IS SAME SIZE AS DRAWING ROOM. ELABORATE FAMILY DINNERS WHICH WERE JAY'S FAVORITE SOCIAL DIVERSION WERE PREPARED ON MASSIVE COAL RANGE



"The 'Little General' keeps my hands working overtime!"



No more red, weather-chapped hands since I've been using **Hinds**—that **Honey** of a lotion!

Scrubbing clothes, bathing baby...my hands get plenty of hot-water punishment. But I smooth on Hinds Honey and Almond Cream before and after housework. Before work, Hinds skin-softeners act like an invisible glove...help guard my hands against dry, scratchy roughness. After work, I use Hinds again to give my hands a softer, whiter look in a jiffy!



Copyright, 1942, by Lehn & Fink Products Corp., Bloomfield, New Jersey

HONEY. Beauty Advisor, says:

EXTRA-SOFTENING! Hinds Honey and Almond Cream is an extra-creamy emulsion of true skin-softening ingredients.

WORKS FAST! Even one application of Hinds gives your red, chapped skin a softer, whiter look...a comfy feel.

EFFECT LASTS! Hinds skin-softeners help to protect your skin through greasy, grimy work and soapy-water jobs.

DOES GOOD! Not gummy, not sticky—doesn't just cover up roughness. Hinds actually benefits red, chapped skin.

At toilet goods counters



VICTORY FIRST!
OUR POLICY
NOT TO USE ANY INGREDIENTS NOW REQUESTED FOR WAR USE
LEHN & FINK
PRODUCTS CORPORATION

Buy U.S. Bonds and Stamps!

HINDS for HANDS
and wherever skin needs softening!

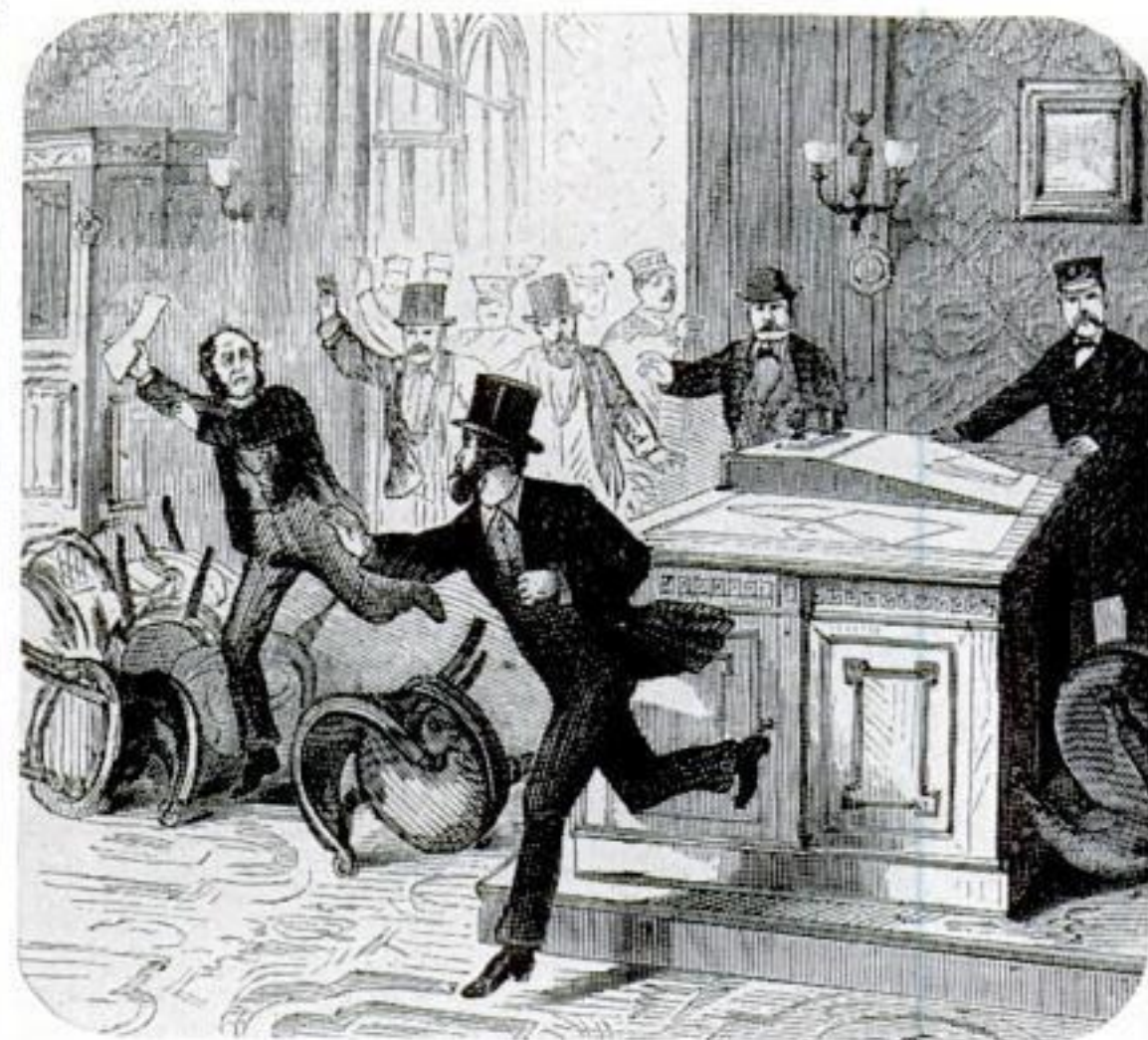
Jay Gould (continued)

JAY GOULD & FAMILY

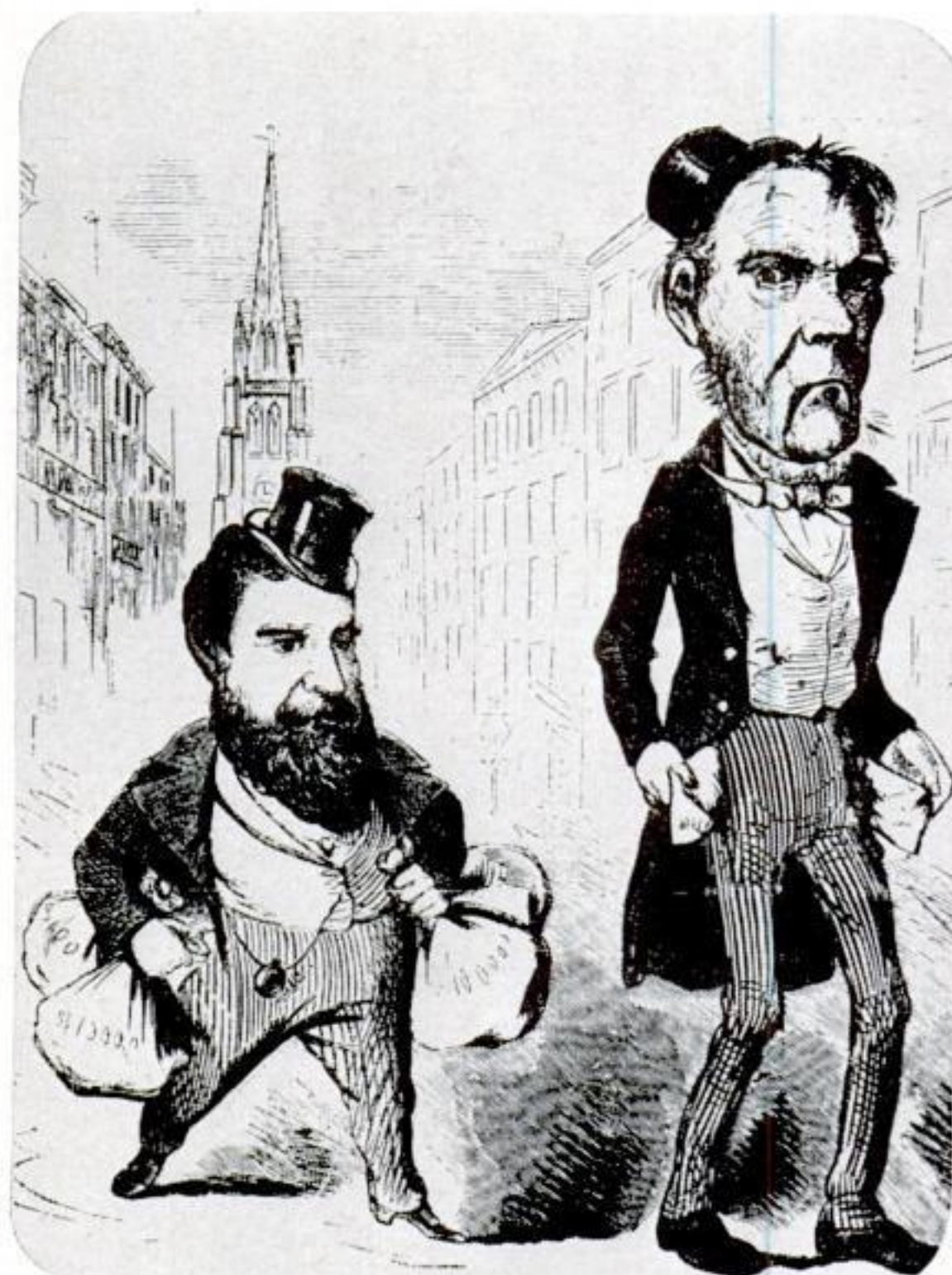
The story of Jay Gould's career is not pretty. Unscrupulous stock manipulations made him one of the richest men of his day. At one time or another he controlled and "milked" the Erie, Union Pacific, Missouri Pacific, Central Pacific, Texas & Pacific, and St. Louis Southwestern railways. With Jim Fisk he tried to corner the gold market, bringing on the Black Friday panic of 1869. The New York World and Western Union got him additional wealth.



JAY (JASON) GOULD



Gould fled to Jersey (above) when Vanderbilt tried to have him arrested for defying court injunction in battle over Erie R. R.



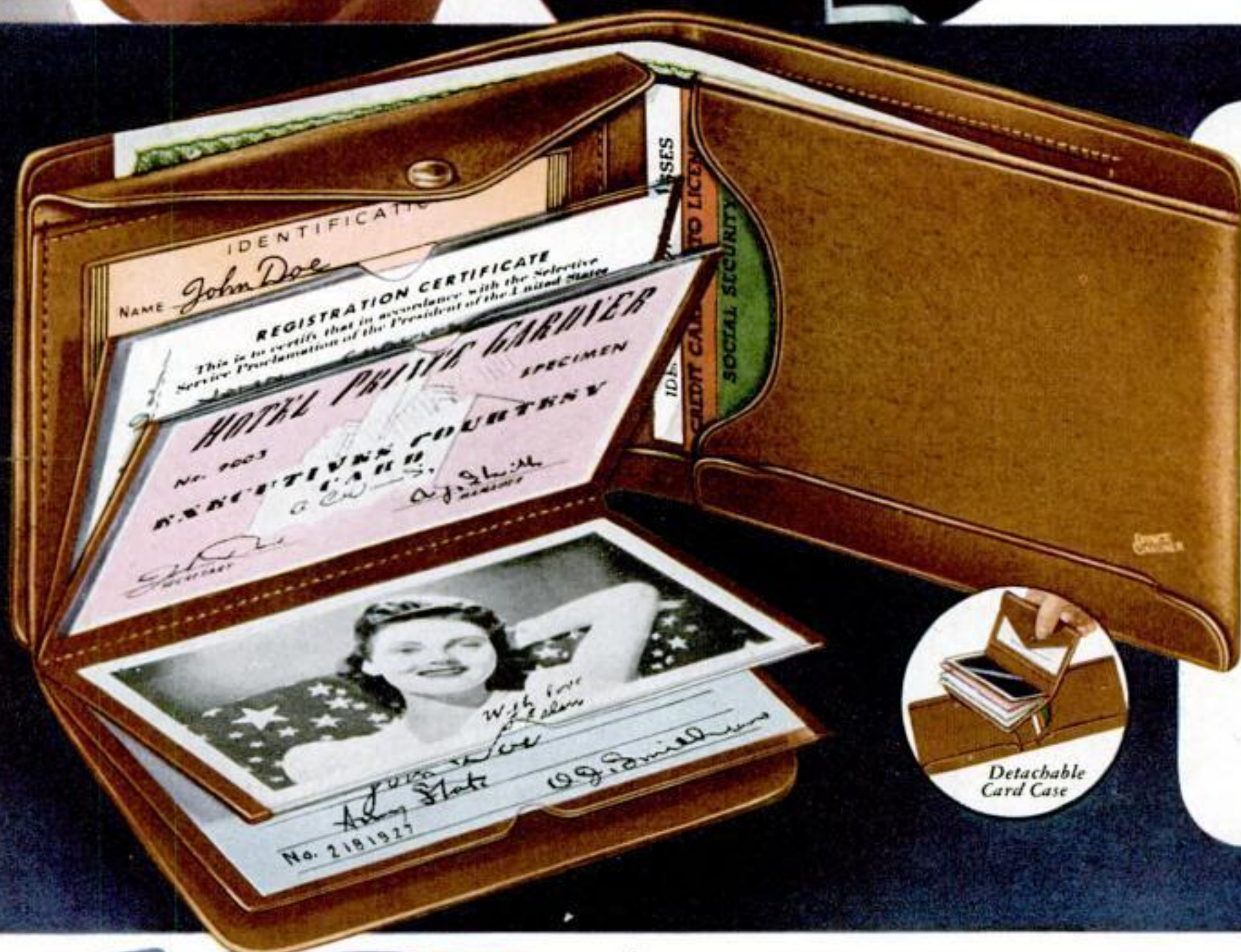
Jay Gould and Drew, ex-partner, were cartooned by Nast when Gould forced Drew into bankruptcy in 1868 by a stock squeeze.

CONTINUED ON PAGE 145



Especially at Christmas

**ALWAYS THE
PERFECT GIFT**



PRINCE GARDNER
INVISIBLE STITCH
REGISTRAR

If he's a man of action (and what man isn't?)...if he's loaded down with identification and selective service cards, passes, driver's license, snapshots and such (and who isn't these days?)... then by all means give him a Prince Gardner Registrar. It keeps him organized... 9 Swing-O-Windows carry his personal data, ready to show at a finger flip. For dress wear, he unsnaps the card case, and carries the wafer-thin billfold solo.

Shown: Saddle Leather in Military Brown, \$5. Also Natural, Cordovan, Black. Others as little as \$3.50.



Detachable Card Case

Princess Gardner

REGISTRAR for Women

Mistletoe or not—she'll reward you soundly for giving her a Princess Gardner Registrar! Deluxe billfold with 4 Swing-O-Windows to hold your snapshot, her identification, license, etc. Bellowed pocket for small change and keys. All in one packet that folds to fit hand, pocket or purse. Five costume colors: Gypsy Red, Glade Green, Leaf Brown, Ebony Black and Hurricane Blue.

Shown: Gypsy Red in Genuine Saffian, \$3.50
Others as little as \$2.50

At Better Stores Everywhere, or Write:
PRINCE GARDNER • 2025 S. Vandeventer Ave. • ST. LOUIS, MO.



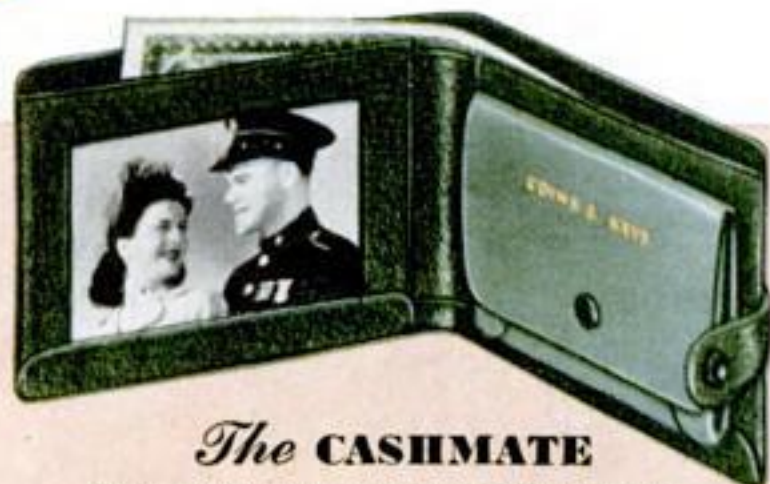
For the Man in Service

Mighty swank for a fightin' Yank! Billfolds and Key Kits, styled to conserve pocket space... keep him organized for action! "Invisible Stitched" for lasting, rip-free service.



KEY KITS for Men

Easy Push-Of-The-Thumb action! Double window for his driver's license and ownership card. Leathers and colors to match billfolds. Shown: Saddle Leather, \$2. Others as little as \$1.



The CASHMATE

Women's slim-trim billfold. Detachable bellowed pocket for coins, keys. Identification window. Same lovely colors as Princess Registrar. . . \$2.



The DOODLE-BUG

Petite billfold for women. Gusseted pocket for small change and keys—identification window. In patriotic red 'n' blue, and four solid colors. \$1



KEY KITS for Women

Ingenious Push-Of-The-Thumb type—spares her fingernails! Windows for driver's license and ownership card. Leathers and colors to match billfolds. Shown: Pin Morocco Sheepskin, \$1. Others to \$2.

for Blondes * Brunettes * Brownettes * Redheads

Gifts FROM Hollywood

A Gift from Hollywood



PAN-CAKE MAKE-UP SET

Glamour in a holiday box, *Max Factor Hollywood* Powder, Rouge, Tru-Color Lipstick, Cleansing Cream, Pan-Cake Make-Up **\$4.55**



COLOR HARMONY MAKE-UP SET

Correct make-up shades for "her" type... *Max Factor Hollywood* Powder, Rouge, Tru-Color Lipstick and 4 other requisites. **\$6.55**



PARFUM COLOGNE SET

The popular "Trocadero" and "Cocoanut Grove" fragrances. **\$2.00**
Parfum Cologne, individually boxed, \$1.00

for "her"...whether she is blonde, brunette, brownette, or redhead, give her the gift she herself desires...a beauty secret of the screen stars created by *Max Factor Hollywood*. It is easy to select the correct gift, too...because each "Gift from Hollywood" contains the correct color harmony for her own individual type.

Max Factor * Hollywood



AUTOGRAPHED MAKE-UP SET

"My Make-Up Secret"...autographed by famous screen stars. *Max Factor Hollywood* Powder, Rouge, Tru-Color Lipstick. **\$2.50**



SPECIAL MAKE-UP SET

Secrets of lovely beauty in a gay holiday box... Face Powder, Rouge, Tru-Color Lipstick, Cleansing Cream and Brillox. **\$3.55**



Max Factor Hollywood
PAN-CAKE
MAKE-UP **\$1.50**

Max Factor Hollywood
TRU-COLOR
LIPSTICK **\$1.00**

Max Factor Hollywood
FACE
POWDER **\$1.00**

JAY GOULD'S ELDEST SON



George Jay Gould got control of estate at 28, lost last of his railroads 26 years later.



Edith M. Kingdon, an actress, was George's first wife. She slept in black-satin sheets.



Kingdon is the oldest of George and Edith's seven children. He married his Italian tutor. He is shown above with Kingdon Jr. who left Yale recently to join the Army. He lives in New York.



Edith Kingdon Gould, daughter of Kingdon, joined the WAVES as a radio yeomanette. She made a quietly aristocratic debut in 1938. She writes poetry, is accomplished musician and linguist.

CONTINUED ON NEXT PAGE



What! Only \$2.98
"does over" a
whole room?

Yes, just
decorate
with

Kem-Tone
TRADE MARK Reg. U. S. Pat. Off.
MIRACLE WALL FINISH!



1. Just buy one gallon of Kem-Tone...



That's enough to beautifully finish an average-sized room.

2. Mix it with water...



1 Gallon Kem-Tone paste makes 1 1/2 gallons Kem-Tone Finish!

3. Use one coat...



Over wallpaper, painted walls, wallboard, basement walls!

4. It's dry in 1 hour...



...your room is ready to live in again—miraculously transformed!

5. No unpleasant paint odor...



...nothing to bother you while you apply Kem-Tone or afterward!

6. ...And Kem-Tone washes easily!



...just use soap and water. What a help in your housecleaning!

Be sure to ask for
Genuine

Kem-Tone
TRADE MARK Reg. U. S. Pat. Off.
Accept No
Substitutes!

GET KEM-TONE AT YOUR
NEAREST DEPARTMENT
STORE, HARDWARE OR PAINT
DEALER

\$2.98 GAL.
PASTE FORM
98' QUART

1 gal. Kem-Tone
paste makes 1 1/2
gals. Kem-Tone Fin-
ish. Your actual cost,
only \$1.98 per gal.
(Prices slightly higher
in Rocky Mt. Area)



ROLL IT ON!

Just roll Kem-Tone right over your walls quickly, easily, smoothly with this clever, new painting tool.

Kem-Tone
ROLLER-KOATER 89¢



SMART BORDERS!

Enhance the beauty of Kem-Tone-finished walls with Kem-Tone trims! Gummed, ready-to-apply. Washable!

Kem-Tone
TRIMS PER ROLL—AS LOW AS 15¢



Find yourself in this picture

Yes, Mr. Civilian, you're right in there too. You got yourself into this thrilling group picture by your thoughtful buying.

For thoughtful buying means: (1) that you buy nothing you can do without; (2) that when you must buy anything, it is the longest-lasting thing you can find, not likely to need replacing very soon. When you follow this buying guide, you use up less of your country's materials, equipment, labor; leaving more for the business of war.

And, when the war is over, the money you *haven't* spent will be available for the improved, modernized products that Industry is right now planning for your pleasure and convenience.



THE ELECTRIC STORAGE BATTERY CO., Philadelphia
The World's Largest Manufacturers of Storage Batteries for Every Purpose
Exide Batteries of Canada, Limited, Toronto

For 54 years the name
"Exide" has symbolized
dependability, long life.

Exide

WHEN IT'S AN EXIDE YOU START

Jay Gould (continued)



George's second son, Jay, promenaded (above) with socialite wife, Anne Graham, in Easter parade, 1923. Daughter Anne (left) was thrice wed before 30, twice to cowboys. Eleanor is at right; son Jay Jr. is not shown.



George Jay, George's third son, eloped with dancer from New Jersey, upsetting mother's plans for him to be concert violinist. He is shown with second wife, a Frenchwoman, and sons Maughan, George Jay Jr. and Howard.



Marjorie, George's eldest daughter, was married to Anthony Drexel Jr. in 1910, satisfying her mother's high social aspirations for her children. After many years at Biarritz and Nassau they now live quietly in Philadelphia.



Vivien, George's second daughter, is shown here at her marriage to Lord Decies in 1911 when she was 19. Tall, slender, vivacious, she was a favorite in British society, died in 1931, leaving two children. Decies remarried.



Edith Gould, George's sixth child, was born on her father's yacht in 1901. She eloped in 1920 with Carroll Wainwright. Divorced in 1932, she immediately remarried, died in 1937. Seventh child, Gloria, is not pictured.

GEORGE'S SECOND WIFE



George's "mystery woman" was Guinevere Sinclair, actress. She bore him out of wedlock three children (*above*). He later acknowledged them, married her after wife's death in 1922. She is now Countess of Mitleton.

CONTINUED ON NEXT PAGE

IN ALL THE WORLD
there is no finer Scotch
FAMOUS FOR 315 YEARS

Five Star *Pinch*
 8 years old 12 years old

HAIG & HAIG
 BLENDED SCOTS WHISKY • 86.8 PROOF

The Oldest name in Scotch

SOMERSET IMPORTERS, LTD., NEW YORK, CHICAGO, SAN FRANCISCO



Distinctive Gifts FOR DISTINGUISHED SERVICE

PARIS

THE SUPPORT OF A NATION

Smart to give, smart to receive—PARIS gifts for "Him"—distinctly styled, modestly priced, and famed for distinguished service. Your favorite store has the PARIS gifts illustrated, and others, too. See them today ☆ ☆ ☆ Attop: PARIS Matched Set—\$2—famously comfortable "No Metal Can Touch You" PARIS Garters and perfectly matched PARIS "Free-Swing" Suspenders that "can't skid off your shoulders." Suspenders have Klaxon ends. Other Holiday Sets \$2 up ☆ ☆ ☆ At Bottom: Cowhide lined cowhide belt with initialed two-tone buckle. \$1.50. Other smart PARIS Belt and buckle sets \$1.50 up ☆ ☆ ☆ A. Stein & Company • Chicago • New York • Los Angeles

BUY U. S. WAR
BONDS AND
STAMPS FOR
VICTORY



Jay Gould (continued)

JAY GOULD'S OTHER CHILDREN



Edwin, Jay's second son, is shown with wife, Sarah Cantine Shrady, and son Frank, now vice president of bankrupt St. Louis Southwestern R. R. Edwin inherited father's financial skill, founded Edwin Gould Foundation.



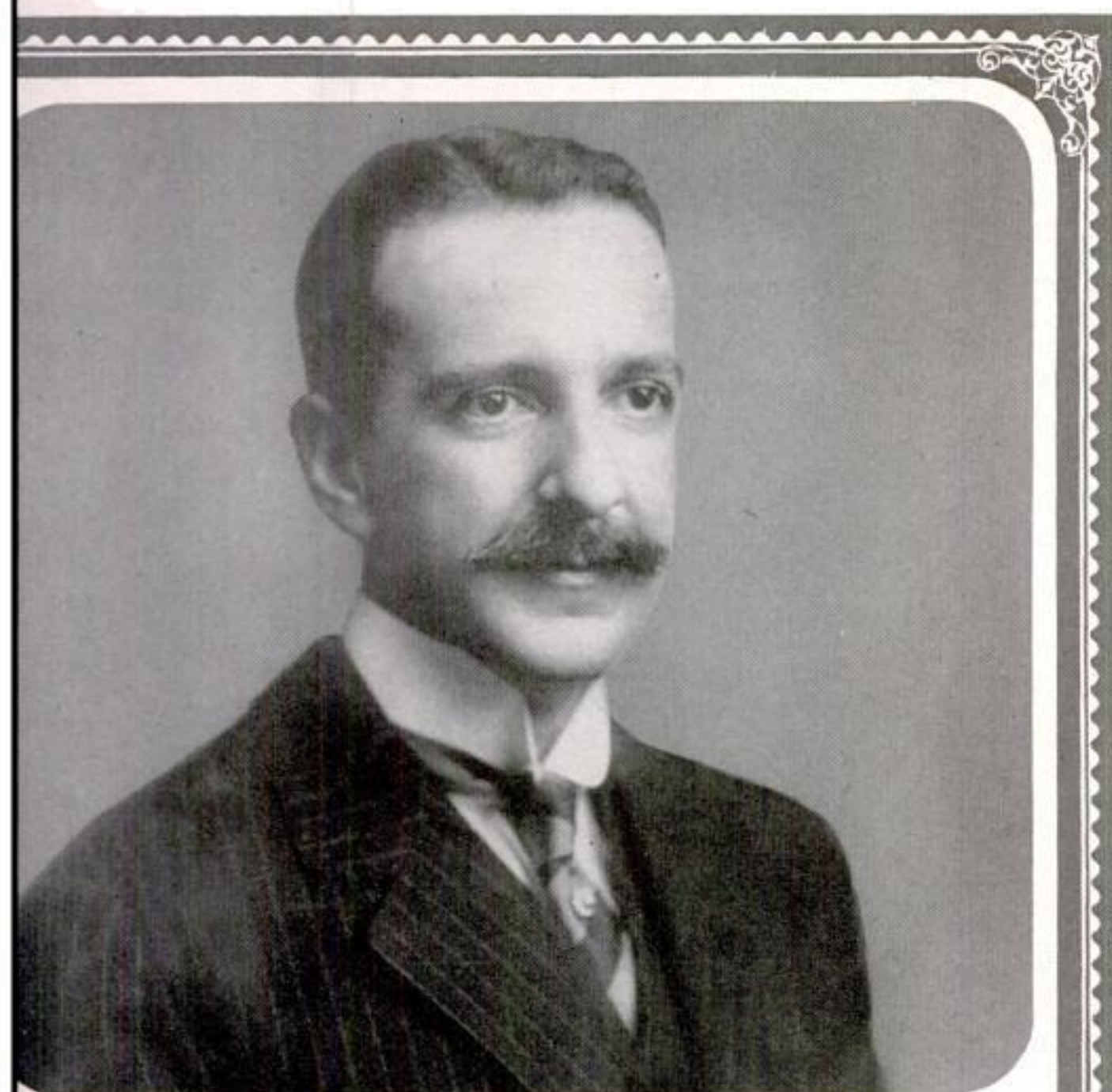
Helen, Jay's eldest daughter, was her father's favorite, to whom he willed the house shown on pages 140-141. At 45 she was married to Finley Johnson Shepard (above), railway official. Her life was devoted to philanthropy.



Howard, Jay's fourth child, is said to have most money left of Gould children. He is financier, yachtsman.



Howard's first wife was Katherine Clemmons (above), an actress and good friend of "Buffalo Bill" Cody.



Frank, Jay's youngest son, now in France, built a string of casinos along the Riviera. Two of these were gutted by fire in 1933 and 1937. His third marriage in 1923 to lovely Florence LaCaze has been happy and enduring.



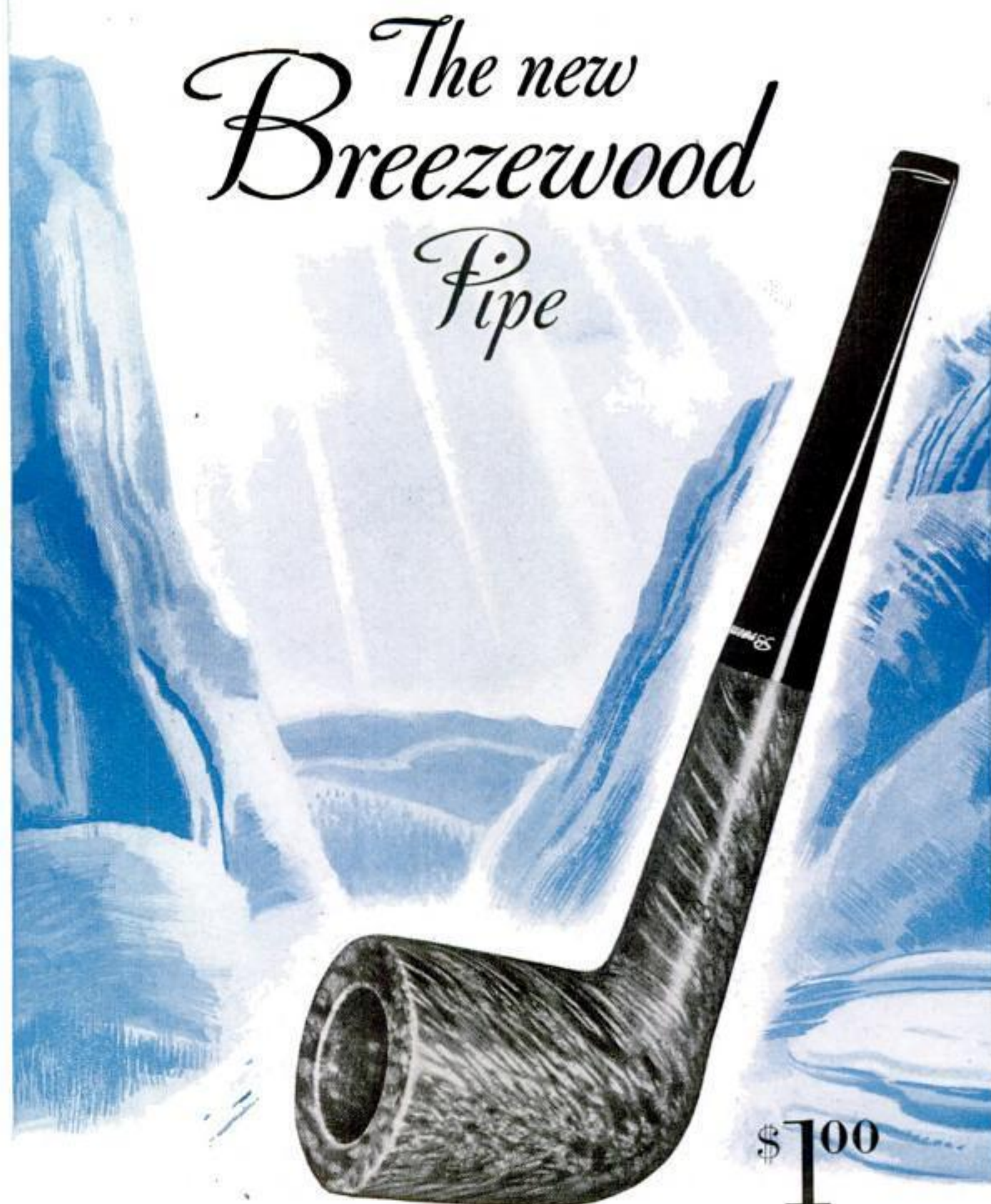
Anna, younger daughter of Jay, married Count Boni de Castellane (left, below), after being sent abroad to forget current infatuation. She now lives at family's Hudson River estate, and entertains servicemen on weekends.



Count Boni reportedly spent \$5,000,000 of wife's inheritance on a marble palace, entertainment.



Duc de Talleyrand, shown above, married Anna in 1908 after she divorced his cousin, Castellane.



Everywhere today, pipe smokers are telling their friends: Get wise to America's very own pipe, Breezewood!

Yes, it's the big news in pipe smoking, and no wonder! In the heart of the Great Smoky mountains, they discovered an uncharted forest preserve of big old burls — and from these burls an incredibly light-in-weight pipe now comes — Breezewood. A Breezewood pipe weighs, on the average, less than an ounce and a quarter, complete with mouthpiece! Hold a Breezewood in your hand, feel how amazingly little it weighs. Then buy it — *and smoke it!* Discover what an amazingly sweet-smoking pipe this native-born, American Breezewood is. Buy your *first* Breezewood pipe today! In all traditional shapes, at your dealer's.



No wonder they were astonished! They all guessed too high! Actually the astounding new Breezewood pipe weighs, on an average, less than an ounce and a quarter!

The Breezewood Pipe

Free Your Hands for Other Tasks. Do your teeth get tired of clenching a pipe, so you have to take the pipe out of your mouth most of the time? Then get wise to this zephyr-weight Breezewood: you hardly know you've got it in your mouth!

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LAUNCHED IN STYLE ON THE CHRISTMAS TIDE

Today no man need be wealthy to enjoy the pleasure and prestige of wearing one of the world's finest hats. For Mallory's unique *Pliafelt* process produces felts that are the peer of imports in luxurious softness of body and shape-retaining ability. Yet you pay no premium for the richness and resilience of *Pliafelt* texture. This unique Mallory improvement on hat-making processes permits the pricing of *Pliafelts* within reasonable limits. *Left: THE CAPITOL HILL, \$10. Right: THE ALERT, \$6.50*

Other Mallory Styles From \$5 to \$10

CHRISTMAS SHOPPING PROBLEMS MADE EASY! Watch his face light up when you give him a Mallory Gift Box. It contains an amusing miniature hat... and is accompanied by a Gift Certificate that he will exchange for a life-size Mallory hat in the style and shade that sets him off at his best. These certain-to-please gifts are obtainable in the fine shops that carry Mallory hats in your city. Get Mallory Certificates today!



● Buy War Bonds and War Stamps to help keep this hat in its rightful place...on top!

MALLORY
hats

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PICTURES TO THE EDITORS

BAMBI'S SISTER

Sirs:

This black-tailed mule deer must have been traveling uphill when she came to a four-wire barbed fence. Usually wild deer allow just barely enough clearance like a good hurdler, leaping straight up in the air and coming down almost perpendicu-

larly on the other side. This one misjudged the height of the fence or perhaps didn't see the top wire. She died in a few hours.

LEO D. HARRIS

Killdeer, N. Dak.



DEFENSE PLANT

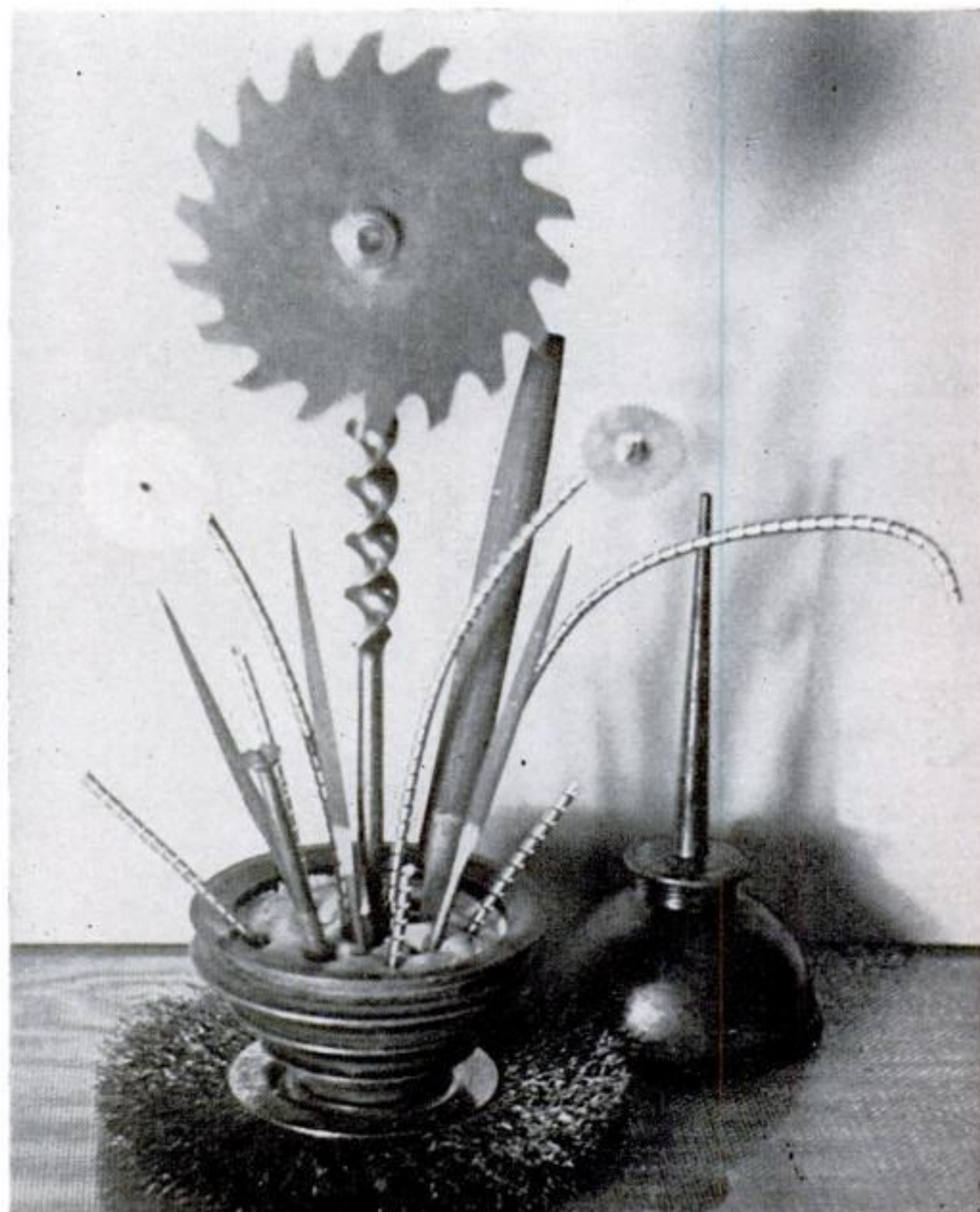
Sirs:

This plant, a horticultural rarity in the U.S. until recent years, is now flourishing in thousands of localities all over the nation. Leaves, blossoms, stems are all

used in making a bitter medicine which is exported in quantities to Europe, Africa and Australia. It is said to have valuable therapeutic properties for combating the Axis plague.

L. F. VOGT JR.

Westfield, N. J.



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1. Ten hollow-ground, double-edge blades—over twice thicker, to take many stoppings. $2\frac{1}{2}$ times more shaving edge.
2. Genuine leather strop—semi-automatic, triples life of these already long-life blades.
3. Your choice, barber type or T-type safety razor. Specify type wanted. Both use the same famous Durham Duplex blade.
4. In serviceable case with shaving stick and comb.

\$2.50 postpaid, if drugstore can't supply.
Ask for Christmas mailing carton. It's free.
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Also makers of Enders Speed Shaver

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Comet Rice
WITH ADDED Vitamin B₁

Guaranteed by Good Housekeeping

FASTER than Quinine
To Relieve distress of COLDS
PROMPTLY and effectively, take
Salicon Tablets 25c
NO Acetanilid, NO Acetphenetidin,
NO Quinine, NO Habit Forming Drugs

DON'T PULL HAIR FROM NOSE
May Cause Fatal Infection

Use **KLIPETTE** New Invention

You can cause serious infection as a result of pulling hair from nose. Use of scissors is also dangerous and impractical. There is no better way to remove hair from nose and ears than with KLIPETTE. Smooth, gentle, safe and efficient. Rounded points cannot cut or prick the skin.

SO SIMPLE! Just turn the end. Surplus hair comes out easily and gently. Never pulls.

Guaranteed to Satisfy or Money Back

HOLLIS CO. • 11 Commerce St., Newark, N. J. • Dept. 290
Enclosed is \$1.00 for KLIPETTE. If I am not entirely satisfied, I may return it and my \$1.00 will be refunded.

Name _____
Address _____

PICTURES TO THE EDITORS

(continued)

LEMON

Sirs:

In a recent class problem to demonstrate the use of a small object as a photographic subject, I picked on a lemon. I experimented with cutting the rind loose from the underlying white layer and with pins, string, cardboard, etc., I produced this, which my camera class promptly named "Problem with a Lemon." The different expressions were made by twisting the head in the cardboard collar.

ROY LAWHORNE

Santa Barbara, Calif.



*The greatest gift in the world
for a man...*



Ambassador
\$5.00



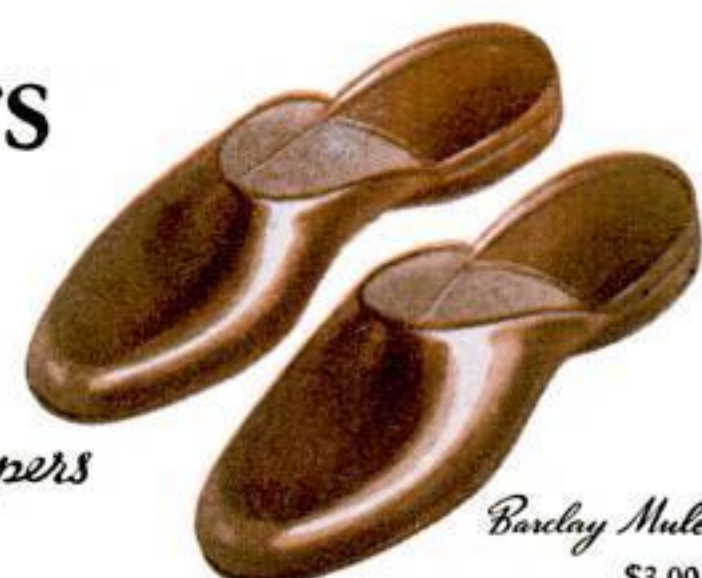
Cherokee
\$4.50



Iroquois
\$3.50



Radio-Tyme
\$4.00



Barclay Mule
\$3.00

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GENUINE HAND TURNED

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Your guide to the best in Men's Slippers

New!

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Across the world's battle fronts . . . in the air, and on land and sea . . . protective camouflage has proved one of the vital arts of modern warfare. Now, with this timely new kit, America's model-builders can try their own hand at camouflage problems . . . can gain valuable practical experience that will add new pleasure to their craftsmanship. These finishes come in official U. S. Army Air Corps colors; are water-proof, quick-drying, lusterless to diffuse light reflection, easy-to-apply with brush or spray; can be used for model planes, ships, tanks, guns, trucks, and trains. For sale at all leading department stores, hobby shops, chain variety stores . . .



TESTOR CHEMICAL CO., ROCKFORD, ILLINOIS, U.S.A.

TESTORS

PICTURES TO THE EDITORS

(continued)

HANDS

Sirs:

I believe this is what is known as an eye-catcher. It shows my son with chick-

en-feet hands. We washed the chicken feet and painted the claws bright red with nail polish.

HUBERT WILMOT
Waterbury, Conn.



FACES

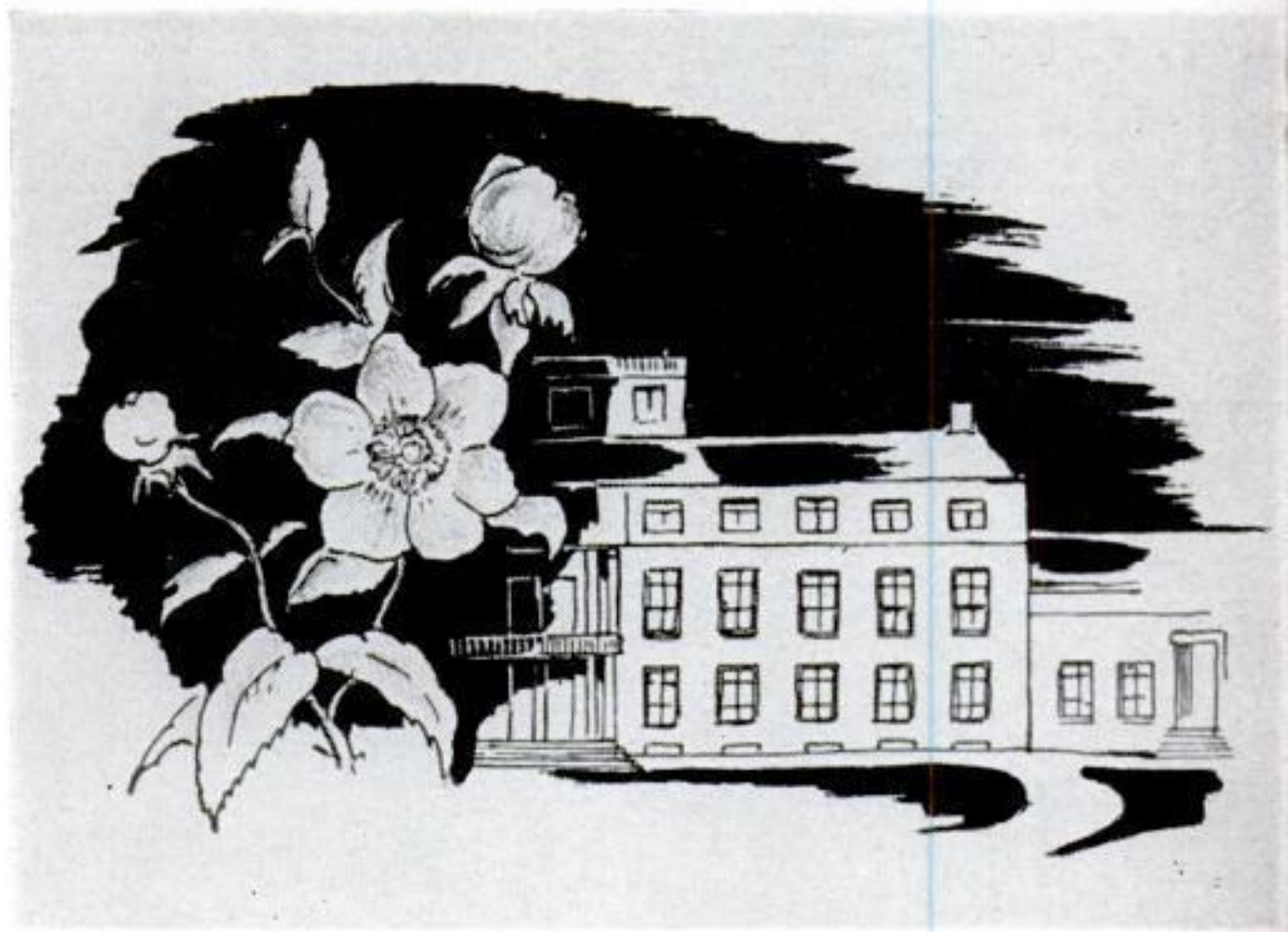
Sirs:

This picture postcard was sent me by my mother from Amsterdam, Holland. I looked at it and thought: "Well, that building looks like Princess Juliana's palace." Fourteen days later I got a letter from my mother, and she asked me if I looked at that postcard carefully as there were five very important people on it. I looked at my card again and saw the

silhouettes of our Queen, Prince Bernhard and Princess Juliana around the biggest flower, and the two small buds were the heads of the little princesses.

If the Germans could find the people who send these cards, the punishment would be severe, so please do not use my name.

Netherlands Merchant Sailor
Larchmont, N. Y.



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